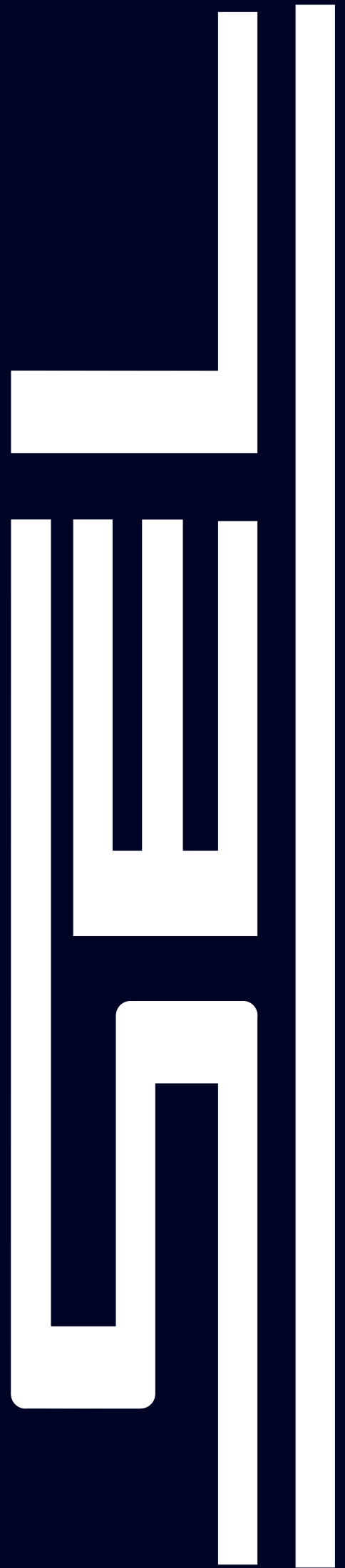


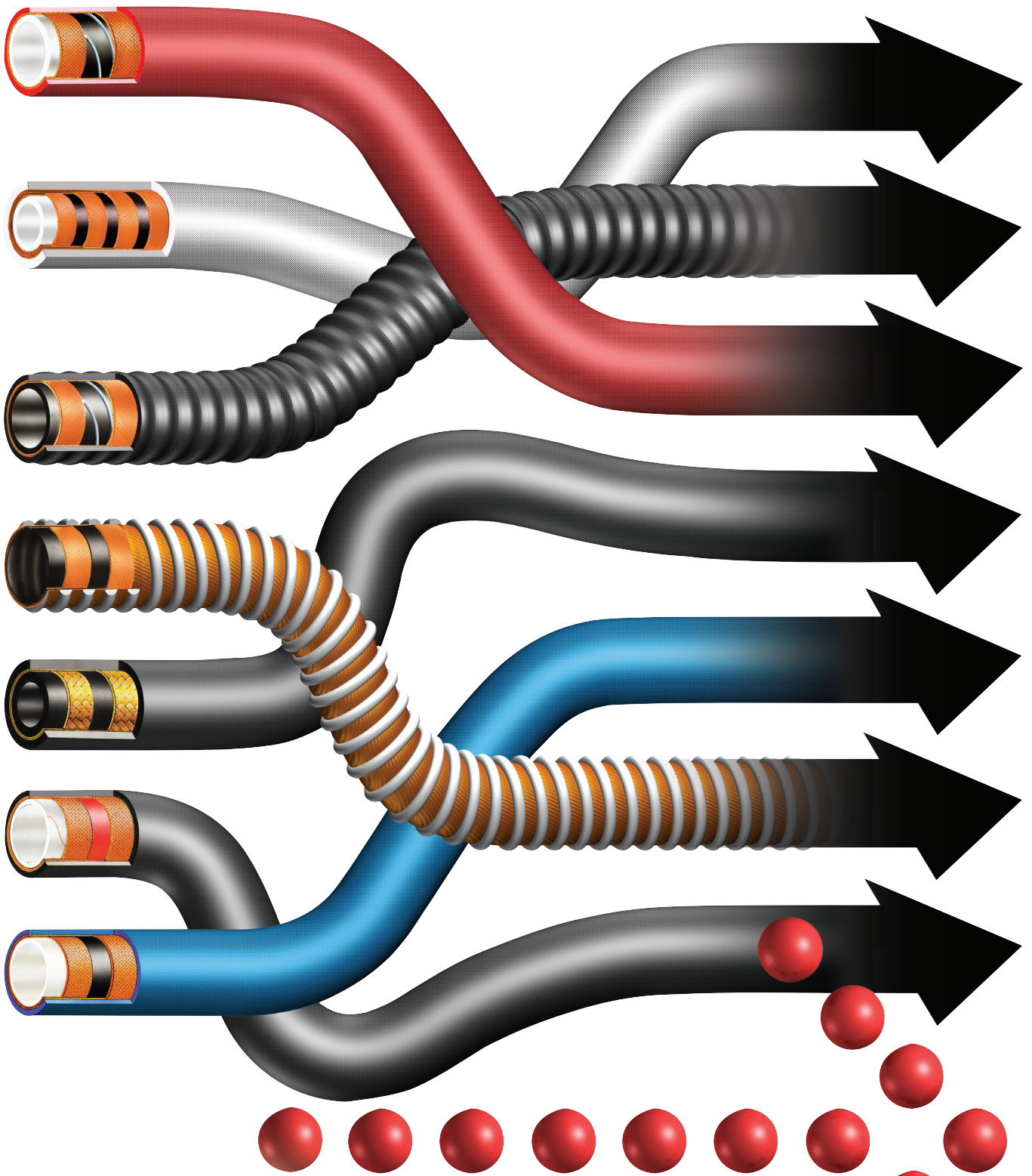
Industrial Hoses

Industrie Schläuche

Tubi Industriali

Tuyaux Industriels





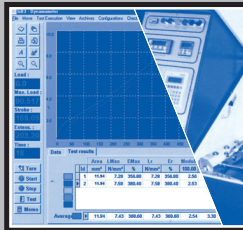
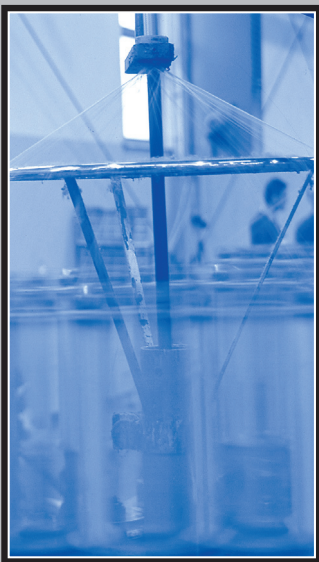
H O S E S

An Eaton Brand

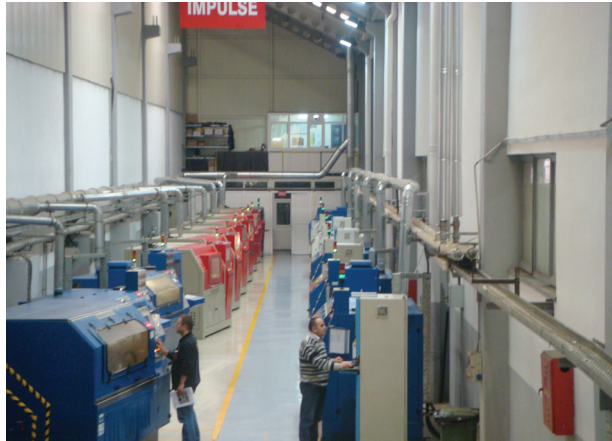
2 0 1 3



Our Production Facilities



Research & Development - Quality



- ★ Polimer Kauçuk Engineering Department is conducted R&D activities for material development and component design, testing and in-house verification facilities.
- ★ Extremely skilled and experienced engineers are focused on research and development projects
- ★ Polimer Kauçuk Engineering Laboratory performs as a test laboratory and accredited according to EN ISO/IEC 17025:2005





QUALITY SYSTEM AND CERTIFICATION



SYSTEM CERTIFICATIONS

DS - EN ISO 9001:2008

DS - EN ISO 14001:2004

DS - OHSAS 18001:2008

DEKRA - ISO/TS 16949:2002

TÜRKAK - TS EN ISO/IEC 17025:2005



PRODUCT CERTIFICATIONS

TSE

LLOYD'S REGISTER

AMECA (Automotive Manufacturers Equipment Compliance Agency, Inc.)

MSHA (Mine Safety and Health Administration)

ABS (American Bureau of Shipping)

GOST-R

LUXCONTROL

UL

RST

TÜV

CERISIE

KIWA



I N D E X

| Code | Product Name | Application | Page |
|------|--------------|-------------|------|
|------|--------------|-------------|------|

Water • Wasser • Acqua • Eau



| | | | |
|-------------|--------------|---|----|
| LL/W111 | LONG-SU | Water | 16 |
| WLP110 | EGE-6 | Low Pressure Water | 17 |
| WMP111 | EGE-10 | Medium Pressure Water | 18 |
| WLF131 | FLAT | Layflat Water | 19 |
| WLF136 -138 | FLAT | High Pressure Layflat Water | 20 |
| WSD141 | KARADENİZ-10 | Water Suction & Discharge | 21 |
| WSD142 | KARADENİZ-16 | Heavy Duty Water Suction & Discharge | 22 |
| WCSD120 | AKDENİZ | Water Suction & Discharge - CORRUGATED | 23 |
| WSDFC125 | ADRIATIC | Water Suction & Discharge - FLAT CORRUGATED | 24 |
| WSDR126 | VAN | Water Suction & Discharge - CHanneled | 25 |
| TCH115 | TERKOS | Tank Cleaning Hose | 26 |
| WAS 116 | KARS | Artificial Snow | 27 |

Sewer & Road Cleaning • Kanal- und Straßenreinigung • Lavaggio Fognatura & Strada • Hydrocourage & Route



| | | | |
|------------|------------------|---|----|
| SEW22K/200 | TB KUKA - 200 | Sewer Jetting - 200 BAR | 30 |
| TPSW165 | TPU KUKA - 200 | Sewer Jetting - 200 BAR | 31 |
| SEW22K/250 | TB KUKA - 250 | Sewer Jetting - 250 BAR | 32 |
| TPSW166 | TPU KUKA - 250 | Sewer Jetting - 250 BAR | 33 |
| SEW31K/250 | SWB KUKA - 250 | Sewer Jetting | 34 |
| RKIS30... | KUKA - COUPLINGS | Inserts | 35 |
| RKFR12... | KUKA - COUPLINGS | Ferrules | 36 |
| SH244 | ACCORDION | Sweeper Hose | 37 |
| FVH145 | FOGNA | Vacuum Truck Hose | 38 |
| TSC22 | LAGINA/C | S.E. Medium Duty S&D CORRUGATED EXT. HELIX (-30 °C) | 39 |
| TSX32 | KNIDOS/C | S.E. Medium Duty S&D CORRUGATED EXT. HELIX (-40 °C) | 40 |

Fire Fighting • Feuerweherschläuche • Antincendio • Lutte contre l'incendie



| | | | |
|----------|-----------|--|----|
| FE586 | GHOST | Fire Extinguisher | 42 |
| FF581 | MILAS-15 | Fire Fighting Hose EN 1947:2002-1/ CAT.I TYPE A-CLASS 1 | 43 |
| FF584 | MILAS-40 | Fire Fighting Hose EN 1947:2002-1/ CAT.II TYPE C-CLASS 1 | 44 |
| TBY71-72 | FIRE REEL | Thermorub® Fire Reel | 45 |
| HTB541 | FUMO | Textile Braided CO ₂ | 46 |

Air - Gas • Luft - Gas • Aria - Gas • Air - Gaz



| | | | |
|-----------|-----------------|---|----|
| LL/ALDO81 | LONG-KOMP10 BAR | Light Duty Air | 48 |
| LL/ALDO84 | LONG-KOMP20 BAR | Medium Duty Air | 49 |
| LL/ASO84 | LONG-KOMP A/S | Medium Duty Air ANTISTATIC | 50 |
| LLMP225 | LONG-MULTI | Multipurpose | 51 |
| LLMPC225 | PRIME | Multipurpose EPDM | 52 |
| ALDO81 | SKY-10 | Light Duty Air | 53 |
| AMDO84 | SKY-20 | Medium Duty Air | 54 |
| AHD225 | SKY-25 | Heavy Duty Air | 55 |
| ASW205 | MOON-40 | Steel Wire Reinforced Air | 56 |
| ADS240 | MARS | Dust and Air Suction | 57 |
| UL-HWB313 | ULTIMATE 1SN | 1 Steel Wire Braid - High Temperature - +135 °C | 58 |
| UL-HWB323 | ULTIMATE 2SN | 2 Steel Wire Braid - High Temperature - +135 °C | 59 |
| UL-HWB351 | ULTIMATE R5 | 1 Steel Wire Braid - High Temperature - +135 °C | 60 |
| UL-HTB362 | ULTIMATE R6 | 1 Textile Braid - High Temperature - +135 °C | 61 |
| NH225 | NITRO-20 | Nitrogen Hose | 62 |

I N D E X

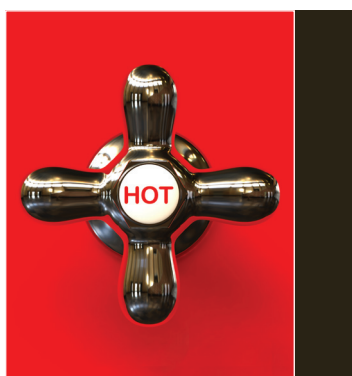
| Code | Product Name | Application | Page |
|------|--------------|-------------|------|
|------|--------------|-------------|------|

Welding • Schweißen • Saldatura • Soudure



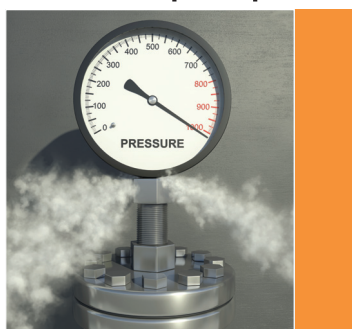
| | | | |
|---------|-----------------------|----------------------------|----|
| WH210 | JUPITER-ISO 3821 | Welding (Oxygen-Acetylene) | 64 |
| TWH210 | JUPITER TWIN-ISO 3821 | Welding (Oxygen-Acetylene) | 65 |
| WHB211 | JUPITER-ASTM C 542 | Welding (Oxygen-Acetylene) | 66 |
| LPGW270 | URANUS | LPG Welding | 67 |

Hot Water • Heisswasser • Acqua Calda • Eau Chaude



| | | | |
|----------|------------|--------------------------------------|----|
| LL/HH100 | ISI L/L | Car Heater - Radiator | 70 |
| LL/HC105 | HEATER L/L | Car Heater LOW OIL RESISTANCE | 71 |
| RAD 100 | ISI RAD | Radiator | 72 |
| HWD160 | ISI -10 | Hot Water | 73 |
| HWSD163 | ISI SD/10 | Hot Water S&D | 74 |
| HWC164 | ISI SDC | Hot Water S&D CORRUGATED | 75 |
| HWC164 | ISI-SDFC | Hot Water S&D FLAT CORRUGATED | 76 |
| HWGR16K | ISI-GR | Hot Water S&D CHANNELED | 77 |
| HWGF16C | ISI GF | Glass Fibre Cover Hot Water | 78 |

Steam • Dampf • Vapore • Vapeur



| | | | |
|---------|------------|--|----|
| ST511 | BUHAR 170 | Textile Steam | 80 |
| ST560 | BUHAR - 1A | Textile Steam ISO 6134-1A | 81 |
| ST561 | BUHAR - 1B | Textile Steam ISO 6134-1B - Oil Resistant Cover | 82 |
| SSW513 | BUHAR SW | Steel Wire Reinforced Steam 200 °C | 83 |
| SSW563 | GEYSER-2A | Steel Wire Reinforced Steam 210 °C ISO 6134-2A | 84 |
| SSW564 | GEYSER-2B | Steel Wire Reinforced Steam 210 °C OIL RESISTANT COVER-ISO 6134-2B | 85 |
| FSDD881 | BUHAR DW | Dairy Steam-Wash | 86 |

Hot Air Blower • Heißluft- Kompressor • Aria Calda • Air Chaud



| | | | |
|----------|-----------------|--------------------|----|
| HABH507 | ALIZE 200 °C | Hot Air Blower | 92 |
| HABSD508 | ALIZE SD 200 °C | Hot Air Blower S&D | 93 |

Material Handling • Abriebfeste Schläuche • Prodotti Abrasivi • Produits Abrasifs

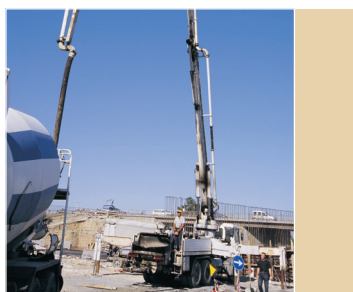


| | | | |
|----------|---------------|---|-----|
| ABSB711 | KUM | Sandblast 60mm³ | 96 |
| ABSA711 | KUM + | Sandblast 35mm³ | 97 |
| ABSB716 | KUM AMERICA 2 | Sandblast 2 Ply 60mm³ | 98 |
| ABSB717 | KUM AMERICA 4 | Sandblast 4 Ply 60mm³ | 99 |
| ABSF720 | SILOBAS | Cement Flat | 100 |
| CDS731 | CEMDRY | Dry Cement Discharge | 101 |
| ABC731 | CIMENTO | Cement Discharge | 102 |
| ABCSD740 | CIMENTO SD-5 | Cement S&D 5 Bar | 103 |
| ABCSD741 | CIMENTO SD-10 | Cement S&D 10 Bar | 104 |
| ABCC744 | CIMENTO SDC | Cement S&D CORRUGATED | 105 |
| ABCGR726 | CIMENTO GR | Cement S&D CHANNELED | 106 |
| CVH227 | VIBRA | Concrete Vibration Hose | 107 |
| ABFH744 | FRAME | Bulk Material S&D Hose | 108 |
| ABPP751 | SIVA 40 | Plaster&Grout Spraying | 110 |
| ABCP752 | SIVA 85 | Plaster&Grout Spraying | 111 |
| ABUC760 | BETON UC 85 | Steel Wire Reinforced Concrete Pumping | 112 |

I N D E X

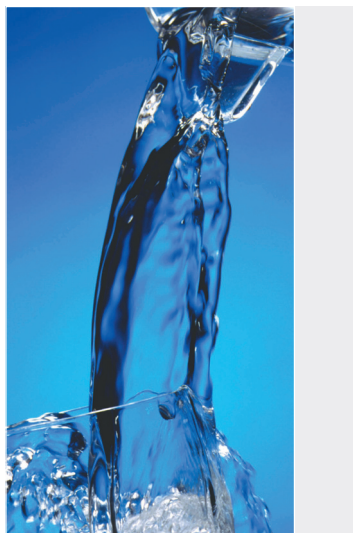
| Code | Product Name | Application | Page |
|------|--------------|-------------|------|
|------|--------------|-------------|------|

Material Handling • Abriebfeste Schläuche • Prodotti Abrasivi • Produits Abrasifs



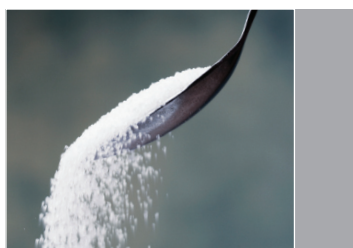
| | | | |
|----------|-------------|---|-----|
| TSA80 | LYMRA HD-PU | Heavy Duty Antiabrasive S&D PU LINING | 114 |
| ABPT070 | PARATUB | Abrasion-Paratub | 115 |
| ABPL790 | PARARUB L | Abrasion-Pararub | 116 |
| ABPSD791 | PARARUB SD | Abrasion S&D Pararub | 117 |
| ABPC792 | PARARUB SDC | Abrasion S&D Pararub CORRUGATED | 118 |
| ABPGR793 | PARARUB GR | Abrasion S&D Pararub CHANNELED | 119 |
| ABRF742 | TOTEM MH | Material Handling Rubber Beaded End with Flange | 120 |

Food • Lebensmittel Schläuche • Prodotti Alimentari • Produits Alimentaires



| | | | |
|----------|-----------------|--|-----|
| FDPW811 | SPRING D/10 | Potable Water Delivery | 122 |
| FSDPW821 | SPRING SD/10 | Potable Water S&D | 123 |
| MT861 | MITANK D/6 | Milk Delivery | 124 |
| MT871 | MITANK SD/6 | Milk Suction & Delivery | 125 |
| FDM861 | KREMA D/10 | Milk & Vegetable Oil Delivery | 126 |
| FSDM871 | KREMA SD/10 | Milk & Vegetable Oil S&D | 127 |
| FDBW800 | MEY D/6 -10 | Beer & Wine Delivery | 128 |
| FSDBW801 | MEY SD/6 -10 | Beer & Wine S&D | 129 |
| FDNR831 | NATUR D/6 -10 | Foodstuff Delivery NR | 130 |
| FSDNR841 | NATUR SD/6 -10 | Foodstuff S&D NR | 131 |
| FDPE802 | RAKI D/10 PE | Foodstuff Delivery UHMW-PE | 132 |
| FSDPE803 | RAKI SD/10 PE | Foodstuff S&D UHMW-PE | 133 |
| FFC80F | RAKI SDFC/10 PE | Foodstuff S&D UHMW-PE FLAT-CORRUGATED | 134 |

Abrasive Food • Abriebfester Lebensmittelschläuche • Prodotti Abrasivi Alimentari • Produits Abrasifs Alimentaires



| | | | |
|----------|-------------|---|-----|
| ABFL248 | WHITE L | Light Duty Bulk Food Delivery FLAT | 136 |
| ABFHD249 | WHITE HD | Heavy Duty Bulk Food Delivery | 137 |
| ABFSD848 | WHITE HD/SD | Heavy Duty Bulk Food S&D | 138 |
| ABFC849 | WHITE SDC | Heavy Duty Bulk Food S&D CORRUGATED | 139 |
| ABFC84F | WHITE SDFC | Heavy Duty Bulk Food S&D FLAT-CORRUGATED | 140 |
| ABFGR850 | WHITE GR | Heavy Duty Bulk Food S&D CHANNELED | 141 |

Oil & Petroleum • Öl und Kraftstoff • Prodotti Petroliferi • Hydrocarbures

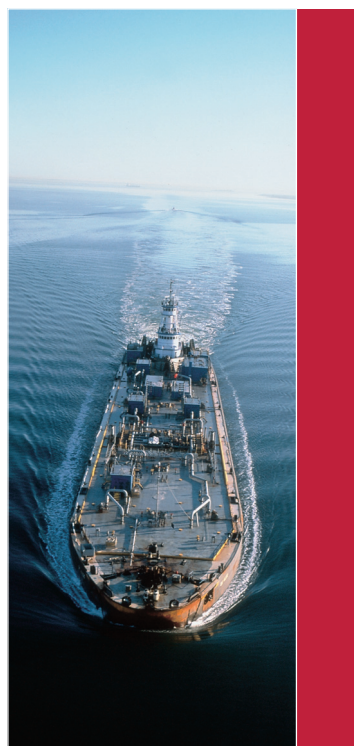


| | | | |
|----------|-----------------------|---|-----|
| OD441 | YAKIT/10 | Oil Discharge 10 Bar | 144 |
| OSD451 | YAKIT SD/10 | Oil S&D 10 Bar | 145 |
| OC454 | YAKIT SDC/10 | Oil S&D 10 Bar CORRUGATED | 146 |
| OSDFC45F | YAKIT FC-10 | Oil S&D 10 Bar FLAT-CORRUGATED | 147 |
| OGR456 | YAKIT GR-10 | Oil S&D 10 Bar CHANNELED | 148 |
| ODH441 | YAKIT/16 | Oil Discharge 16 Bar | 149 |
| OSDH451 | YAKIT SD/16 | Oil S&D 16 Bar | 150 |
| ODH441 | BARREL/16 | Oil Discharge 16 Bar EN 1360 Type 1 | 151 |
| OSDH451 | BARREL SD/16 | Oil S&D 16 Bar EN 1360 Type 2 | 152 |
| FDH44S | FOSSIL D/16 | Oil Discharge 16 Bar EN 1761 Type D | 153 |
| FSDH45S | FOSSIL SD/16 | Oil S&D 16 Bar EN 1761 Type SD | 154 |
| ODEN447 | YAKIT-EN 12115 / D16 | Oil Discharge 16 Bar EN 12115 Type D | 155 |
| OSDEN448 | YAKIT-EN 12115 / SD16 | Oil S&D 16 Bar EN 12115 Type SD | 156 |
| R4341 | SELTEX R4 | Textile Hydraulic R4 | 157 |
| R434E | SELTEX ECO | Textile Hydraulic R4E | 158 |
| R434F | SELTEX R4-X | Textile Hydraulic R4-X X-Flexibility | 159 |
| UL-R4341 | ULTIMATE R4 | Textile Hydraulic R4 - High Temp. +135°C | 160 |

I N D E X

| Code | Product Name | Application | Page |
|------|--------------|-------------|------|
|------|--------------|-------------|------|

Oil & Petroleum • Öl und Kraftstoff • Prodotti Petroliferi • Hydrocarbures



| | | | |
|---------------|---------------------|--------------------------------------|-----|
| DOH 459/460 | LIMAN | Dock Oil EN 1765 Type S | 161 |
| PSD459 | LIMAN - S10 | Swaged Flanges EN 1765 Type S10 | 162 |
| PSD41S | LIMAN - S10 | Built-In Flanges EN 1765 Type S10 | 163 |
| PSD460 | LIMAN - S15 | Swaged Flanges EN 1765 Type S15 | 164 |
| PSD417 | LIMAN - S15 | Built-In Flanges EN 1765 Type S15 | 165 |
| ASF401 | ASPHALT | Asphalt S&D | 166 |
| ARB495 | AERO-B | Aircraft Refueling EN 1361 Type B | 167 |
| ARC-H494 | AERO-C | Aircraft Refueling EN 1361 Type C | 168 |
| ARE496 | AERO-E | Aircraft Refueling EN 1361 Type E | 169 |
| LPGD 278/27D | LPG - D | LPG Discharge-Ω EN 1762 | 170 |
| LPGSD 279/27S | LPG - SD | LPG S&D-Ω EN 1762 | 171 |
| ONT020 | OIL TUBE | Oil Nitrile Tube | 172 |
| OTR445 | TEXTOIL/10 NL-20 NL | Textile Reinforced Oil 10 NL - 20 NL | 173 |
| OETB471 | COTTON OIL - B | Oil DIN 73379 Type B | 174 |
| ODIN 1A/461 | OIL - 1A | Oil DIN 73379 Type 1A | 175 |
| ODIN 2A/462 | OIL - 2A | Oil DIN 73379 Type 2A | 176 |
| ODIN 2B/463 | OIL - 2B | Oil DIN 73379 Type 2B | 177 |
| GWO481 | GALVOIL/L | Galvanized Wire Braided Oil | 178 |

Petroleum Dispensing • Tankstellenzapfschläuch • Distribuzione del Carburante • Distribution Carburant



| | | | |
|---------|------------|--|-----|
| OPL441 | POMPA / L | Petrol Pump -30 °C | 180 |
| OPL44U | POMPA / L+ | Petrol Pump U _L -54 °C | 181 |
| OPSW430 | POMPA SWB | Petrol Pump Steel Wire Braided -30 °C | 182 |
| OPSW43U | POMPA SWB+ | Petrol Pump Steel Wire Braided U _L -54 °C | 183 |

Chemical • Chemie • Prodotti Chimici • Produits Chimiques

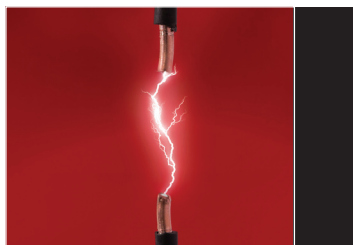


| | | | |
|---------------|---------------------|--|-----|
| AD611 | KEMI D/10 EPDM | Chemical Delivery EPDM | 186 |
| ASD621 | KEMI SD/10 EPDM | Chemical S&D EPDM | 187 |
| AC624 | KEMI 10 / SDC EPDM | Chemical S&D EPDM CORRUGATED | 188 |
| EPD601 | KEMI D/16 EPDM | Chemical Delivery EPDM EN 12115 | 189 |
| EPSD602 | KEMI SD/16 EPDM | Chemical S&D EPDM EN 12115 | 190 |
| AHCD631 | KEMI D/10 CSM | Chemical Delivery CSM | 191 |
| ACSD641 | KEMI SD/10 CSM | Chemical S&D CSM | 192 |
| XLPED671 | KEMI D/10 XLPE | Acid-Solvent & Chemical Delivery XLPE | 193 |
| XLPESD681 | KEMI SD/10 XLPE | Acid-Solvent & Chemical S&D XLPE | 194 |
| XLPEFC68F | KEMI SDFC/10 XLPE | Acid-Solvent & Chemical S&D XLPE-FLAT-CORR. | 195 |
| XLD655 | KEMI D/16 XLPE | Acid-Solvent & Chemical Delivery XLPE-EN 12115 | 196 |
| XLSD656 | KEMI SD/16 XLPE | Acid-Solvent & Chemical S&D XLPE-EN 12115 | 197 |
| UHMWPE609 | KEMI D/10 UHMW-PE | Acid-Solvent & Chemical Delivery UHMW-PE | 198 |
| UHMWPES610 | KEMI SD/10 UHMW-PE | Acid-Solvent & Chemical S&D UHMW-PE | 199 |
| UHMWPEC608 | KEMI SDC/10 UHMW-PE | Acid-Solvent & Chemical S & D UHMW-PE - CORR. | 200 |
| UHD658 | KEMI D/16 UHMW-PE | Acid-Solvent & Chemical D. UHMW-PE - EN 12115 | 201 |
| UHSD659 | KEMI SD/16 UHMW-PE | Acid-Solvent & Chemical S&D UHMW-PE - EN 12115 | 202 |
| ABSF623/63/83 | STATUE CH | Chemical Hose With Built -in Flanges | 203 |
| CRF622 | STATUE CRF | Chemical Hose With Rubber Beaded-End with Flange | 204 |

I N D E X

| Code | Product Name | Application | Page |
|------|--------------|-------------|------|
|------|--------------|-------------|------|

Cable Protection • Kabelschutz • Protezione Cavi • Gaines de Protections



| | | | |
|--------|-----------|---|-----|
| CP137 | KABLO PE | Cable Protection for Electrical Welding | 206 |
| CP137 | KABLO FL | Cable Protection for Electrical Welding | 207 |
| TES137 | KABLO RW | Electrical Cable Protection for Trains | 208 |
| MC035 | MAESTRO | Mining Conduit Hose (non reinforced) | 209 |
| MC035 | MAESTRO R | Mining Conduit Hose (reinforced) | 210 |
| CFH851 | BLANCO | Insulating Hose for Cable | 211 |

Steel Mill • Stahlwerk • Acciaieria • Aciérie



| | | | |
|---------|---------------|--|-----|
| CBH703 | CARBON | Carbon Blower Hose | 214 |
| CPH110 | EGE GF | Glass Fibre Cover Water Out. Temp. up to 600 °C | 215 |
| CWH855 | OSTRO | Nonflammable-Cooling Hose | 216 |
| CWFG857 | OSTRO GF | Glass Fibre Cover Cooling Water Out. Temp. up to 600 °C | 217 |
| CWFG854 | OSTRO 2GF | 2 Glass Fibre Cover Cooling Water Out. Temp. up to 600 °C | 218 |
| CWFG125 | OSTRO FLANGED | 2 Glass Fibre Cover Cooling Water with Built in Flange Out. Temp. up to 600 °C | 219 |
| HWCC115 | ISI CC | Ceramic Coated Cover Hot Water | 220 |
| SGF521 | BUHAR GF | Glass Fibre Cover Steam Out. Temp. up to 600 °C | 221 |

Silicone • Silikon • Silicone • Silicône



| | | | |
|--------|--------------|----------------------|-----|
| SD950 | SIROCCO | Silicone Cooling | 224 |
| SDD961 | SIROCCO - SD | Silicone Cooling S&D | 225 |

Oil Rigs Platform • Ölplattform • Piattaforme Petroliere • Plateformes Pétrolières

OFF-SHORE




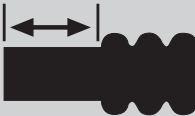






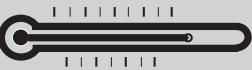

| | | | |
|-------|--------------|---|-----|
| RS225 | OSRIS - FD | Soft Wall Oil / Fuel Delivery | 228 |
| RS115 | OSRIS - WD | Soft Wall Water Delivery | 229 |
| RS455 | OSRIS - FSD | Hard Wall Oil / Fuel Suction & Delivery | 230 |
| RS715 | OSRIS - MD | Soft Wall Bulk Material Delivery | 231 |
| RS725 | OSRIS - MSD | Hard Wall Bulk Material Suction & Delivery | 232 |
| RS735 | OSRIS - LMD | Soft Wall Liquid Mud Delivery | 233 |
| RS745 | OSRIS - LMSD | Hard Wall Liquid Mud Suction & Delivery | 234 |
| RS835 | OSRIS - PW | Soft Wall Potable Water Delivery | 235 |
| RS845 | OSRIS - PWSD | Hard Wall Potable Water Suction & Delivery | 236 |
| RS685 | OSRIS - CHSD | Hard Wall Chemical Suction & Delivery XLPE | 237 |
| RS610 | OSRIS - PE | Hard Wall Chemical Suction & Delivery UHMWPE | 238 |

Info • Info • Info • Info



| | |
|--|-----|
| Conversion Chart | 240 |
| Pressure Conversion Table | 241 |
| Vacuum Conversion Table | 242 |
| Chemical Resistance Chart | 243 |
| Use - Maintenance - Conservation - Shipment & Storage | 243 |
| Sales Terms & Conditions | 244 |
| Benutzung - Wartung - Sicherung - Transport und Lagerung | 248 |
| Allgemeine Geschäftsbedingungen | 249 |
| Usò - Manutenzione - Protezione - Trasporto e Magazzinaggio | 250 |
| Termini e Condizioni Di Vendita | 251 |
| Utilisation - Entretien - Protection - Livraison et Stockage | 252 |
| Termes et Conditions de Vente | 253 |

Symbols/Symbols/Simboli/Symboles

| | | | |
|--|--|--|---|
|  ID | INNER DIAMETER INNENDURCHMESSER DIAMETRO INTERNO DIAMETRE INTERIEUR |  | CUFFED END MUFFEN MANICOTTI MANCHETTE |
|  OD | OUTER DIAMETER AUSSENDURCHMESSER DIAMETRO ESTERNO DIAMETRE EXTERIEUR |  VACUUM | VACUUM VAKUUM ASPIRAZIONE DEPRESSION |
|  WP | WORKING PRESSURE BETRIEBSDRUCK PRESSIONE D'ESERCIZIO PRESSION DE SERVICE |  Br/r | BENDING RADIUS BIEGERADIUS RAGGIO CURVATURA RAYON DE COURBURE |
|  BP | BURST PRESSURE PLATZDRUCK PRESSIONE DI SCOPPIO PRESSION D'ECLATEMENT |  W | THEORETICAL WEIGHT THEORETISCHES GEWICHT PESO TEORICO MASSE LINEAIRE |
|  | WORKING TEMPERATURE BETRIEBSTEMPERATUR TEMPERATURA DI LAVORO TEMPERATURE DE TRAVAIL |  L | LENGTH LÄNGE LUNGHEZZA LONGUEUR |

Tolerances/Toleranzen Tolleranze/Tolérances

Acc. ISO 1307

Weight : ± 5 % (All dimensions)

Gewicht : ± 5 % (Alle dimensionen)

Peso : ± 5 % (Tutte le dimensioni)

Poids : ± 5 % (Tous les diametres)

★ OTHER COLOURS AND DIAMETERS AVAILABLE UPON REQUEST.

★ AUF ANFRAGE KÖNNEN VERSCHIEDENE FARBEN UND MASSE PRODUZIERT WERDEN.

★ DIVERSI COLORI E DIMENSIONI DISPONIBILI SU RICHIESTA.

★ D'AUTRES COULEURS ET DIAMETRES DISPONIBLES SUR DEMANDE.

Burst Pressure : 10% deviation

Berstdruck kann : 10% abweichen

Pressione di scoppio : deviazione 10%

Pression d'éclatement: 10 déviation

For material handling hoses

Abrasion Loss Value: ± 10 mm³ deviation

Abrieb-Wert : ± 10 mm³ möglich

Perdita d'Abrasione : deviazione ±10 mm³

Indice d'abrasion : ± 10 mm³ déviation

★ For further details please contact our sales department.

★ Für die weitere informationen steht unser Verkaufsteam Ihnen jederzeit zur Verfügung.

★ Per l'informazione dettagliata prego di contattarci con il dipartimento di vendita.

★ Pour plus de détails s'il vous plaît contactez notre service commercial.

★ Our company reserves the right of changing hose construction specifications due to technologic obligations and developments.


★ Unsere Firma behält sich das Recht vor, ohne vorherige Ankündigung Änderungen an den technischen Eigenschaften und Abmessungen der Schläuche vorzunehmen, die der Qualitätsverbesserung und Weiterentwicklung dienen.


★ La nostra firma si riserva la facoltà di modificare tutto o in parte il presente catalogo; declina inoltre ogni responsabilità per utilizzi dei propri prodotti diversi da quelli indicati.


★ Notre société se réserve le droit de changer les spécifications de construction en raison des obligations et des développements technologiques.

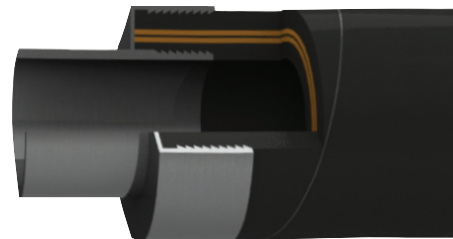
TECHNICAL HOSE ENDS & COUPLINGS

 **SWAGED FITTINGS** GENERALLY, USED ON INDUSTRIAL APPLICATIONS, ESPECIALLY PETROLEUM SUCTION AND DISCHARGE, AS AN ALTERNATIVE TO BUILT-IN FLANGED HOSES. THE NIPPLE AND FERRULE ARE SWAGED TO THE HOSE AS AN INTEGRATED UNIT. IN THIS WAY, PROBLEMS, SUCH AS LEAKAGE BLOWING ETC. CAN BE PREVENTED EFFECTIVELY.


 **EINGEPRESSTE KUPPLUNGEN** DIESES SYSTEM BESTEHT AUS EINER STÜTZE UND EINER HÜLSE, DIE ALS INTEGRIERTE EINHEIT AUF DEN SCHLAUCH AUFGEPRÉSST WERDEN. DIESE EINHEIT VERSCHAFFT EINE AUßERORDENTLICHE HALTKRAFT, DIE DAS HERAUSRÜCKEN DER KUPPLUNG VERHINDERT.


 **RACCORDI PRESSATI** GENERALMENTE UTILIZZATI IN APPLICAZIONI INDUSTRIALI, SPECIALMENTE NEI TUBI PER ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI, COME ALTERNATIVA AI TUBI CON RACCORDI VULCANIZZATI. IL CODOLO E LA GHIERA È PRESSATO SUL TUBO COME UN'UNITÀ INTEGRATA. IN QUESTO MODO, PROBLEMI COME LA PERDITA, ROTTURA, ETC. POSSONO ESSERE PREVENUTE CON EFFICACIA.

 **RACCORDS SERTIS** GÉNÉRALEMENT, UTILISÉ DANS LES APPLICATIONS INDUSTRIELLES, EN PARTICULIER POUR L'ASPIRATION ET REFOULEMENT DES PRODUITS PÉTROLIERS, EN ALTERNATIVE AUX TUYAUX AVEC DES RACCORDS VULCANISÉS. LA DOUILLE ET LA JUPE SONT SERTIES SUR LE TUYAU COMME UNE UNITÉ INTÉGRÉE. DE FAÇON À CE QUE LES PROBLÈMES DE FUITES OU D'ÉCLATEMENT SOIENT ÉVITÉS.

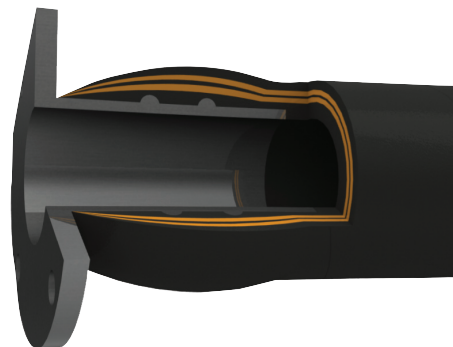


 **VULCANIZED BUILT IN FLANGE** HOSE END IS INTEGRALLY BUILT AROUND NIPPLE AND VULCANIZED. IN THIS WAY, PROBLEMS, SUCH AS LEAKAGE BLOWING ETC. CAN BE PREVENTED EFFECTIVELY.


 **EINVULKANISIERTE KUPPLUNGEN** DER STUTZEN WIRD IN DAS SCHLAUCHENDE EINGESETZT. NACH DER VULKANISIERUNG WERDEN DIESE ZU EINER UNZERTRENNLICHEN EINHEIT. DADURCH KANN DER STUTZEN NICHT MEHR AUS DEM SCHLAUCH HERAUSGEDRÜCKT WERDEN. DIESES SYSTEM VERHINDERT JEGLICHE ART VON PLATZEN ODER LECKEN DES SCHLAUCHES.


 **RACCORDO VULCANIZZATO** L'ESTREMITÀ DEL TUBO È INTEGRALMENTE COSTRUITO INTORNO AD UN CODOLO E VULCANIZZATO. IN QUESTO MODO, PROBLEMI COME LA PERDITA, ROTTURA, ETC. POSSONO ESSERE PREVENUTE CON EFFICACIA.

 **RACCORDS VULCANISÉS** L'EXTRÉMITÉ DU TUYAU EST INTÉGRALEMENT CONSTRUITE AUTOUR D'UNE DOUILLE ET VULCANISÉE. DE CETTE FAÇON, LES PROBLÈMES, COMME LES FUITES, ÉCLATEMENT ETC PEUVENT ÊTRE ÉVITÉES DE MANIÈRE EFFICACE.

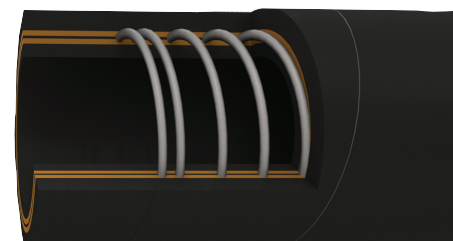


 **SOFT END** THE HELIX WIRE IS TERMINATED BEFORE END OF THE HOSE FOR EASY COUPLING TO ENSURE THE STRENGTH, HOSE END IS REINFORCED WITH RUBBER AND TEXTILE.

 **SPIRALFREIE MUFFEN** ZUR VEREINFACHUNG DER VERKUPPLUNG ENDET DIE SPIRALE EINIGE WINDUNGEN VOR DER ENDWULSTE DES SCHLAUCHES. DIE MUFFE SELBST WIRD ZUSÄTZLICH DURCH EINE GEWEBEEINHEIT VERSTÄRKT, DADURCH WIRD DIE EIGENSCHAFT DES SCHLAUCHES NICHT BEEINTRÄCHTIGT.


 **MANICOTTO** LA SPIRALE VIENE FERMATA PRIMA DELL'ESTREMITÀ DEL TUBO PER FACILITARE IL MONTAGGIO DEI RACCORDI. PER GARANTIRE LA FORZA, L'ESTREMITÀ DEL TUBO È RINFORZATO CON GOMMA E TESSILE.

 **MANCHETTE SOUPLE** LA SPIRALE EST ARRÊTÉE AVANT L'EXTREMITÉ DU TUYAU POUR FACILITER LE MONTAGE DES RACCORDS. AFIN D'ASSURER LA TENUE À LA PRESSION DU RACCORD L'EXTREMITÉ DU TUYAU EST RENFORCÉE AVEC DU CAOUTCHOUC ET TEXTILES.

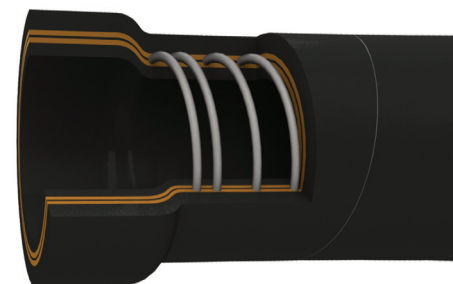


 **ENLARGED CUFFS** THE HOSE END IS ENLARGED TO FIT THE OUTSIDE DIAMETER OF INSERT OF A FITTING. THE HELIX WIRE IS TERMINATED AT THE ENLARGED END.

 **ERWEITERTE MUFFEN** DER INNENDURCHMESSER DES SCHLAUCHES WIRD ERWEITERT GEFERTIGT, UM DEM AUSSENDURCHMESSER DES KUPPLUNGSSTUTZES ANZUPASSEN.

 **BOCCA ALLARGATA** L'ESTREMITÀ DEL TUBO È ALLARGATA PER PERMETTERE L'INSERIMENTO DEL RACCORDO. LA SPIRALE VIENE FERMATA PRIMA DELL'ESTREMITÀ DELLA BOCCA ALLARGATA.

 **MANCHETTE EVASÉE** L'EXTREMITÉ DU TUYAU EST ÉLARGIE POUR L'ADAPTATION AU DIAMÈTRE EXTÉRIEUR DU RACCORD À MONTER. LA SPIRALE EST ARRÊTÉE AVANT L'EXTREMITÉ DE LA MANCHETTE EVASÉE.



TECHNICAL HOSE ENDS & COUPLINGS



RUBBER BEADED ENDS WITH FLANGES THE REINFORCING TEXTILE AND AN ADDITIONAL CIRCULAR METAL REINFORCEMENT IS EMBEDDED INSIDE THE RUBBER MOLDED BEAD AS AN INTEGRAL PART OF THE HOSE. A REATTACHABLE SWIVEL METAL FLANGE IS PLACED BEHIND THE RUBBER BEAD. THIS SYSTEM PROVIDES AN EASY CONNECTION WITHOUT ANY ADDITIONAL GASKETS AND NO CONTACT BETWEEN FLANGES AND TRANSPORTED PRODUCTS (RUBBER TO RUBBER).



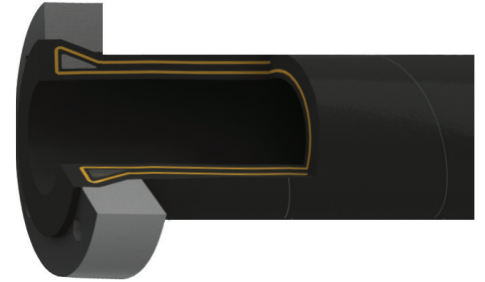
ENDWULSTE MIT FLANSCHRINGEN UM DEN SCHLAUCH MIT DER ENDWULSTE VERBINDEN ZU KÖNNEN, MUSS DIE FLANSCHBELEGENDE JUSTIERT WERDEN, JEDOCH OHNE DEN SCHLAUCH VERDREHEN ZU MÜSSEN. DIES LIEGT DARAN, DASS AN DER ENDWULSTE DES SCHLAUCHES EIN METALLRING VERARBEITET IST, DER DAS MONTIEREN DES FLANSCHRINGES ERHEBLICH VEREINFACHT UND DAS VERSCHIEBEN VERHINDERT. DADURCH KOMMT EIN GUMMI-AUF-GUMMI- VERSCHLUSS ZUSTANDE UND BILDEN EINEN LECKSICHEREN VERSCHLUSS, DER KEINE DICHTUNG MEHR BENÖTIGT.



TALLONE DI GOMMA CON FLANGE IL RINFORZO TESSILE E DI UN ULTERIORE RINFORZO DI METALLO CIRCOLARE È INCORPORATO ALL'INTERNO DELLA GOMMA STAMPATA COME PARTE INTEGRANTE DEL TUBO. UNA FLANGIA GIREVOLE IN METALLO SI TROVA DIETRO IL TALLONE DI GOMMA. QUESTO SISTEMA FORNISCE UNA FACILE CONNESSIONE SENZA GUARNIZIONI SUPPLEMENTARI ET NESSUN CONTATTO TRA FLANGE E TRASPORTATO PRODOTTI (GIUNZIONE GOMMA / GOMMA)



TALLON EN CAOUTCHOUC ET BRIDES TOURNANTES LE RENFORCEMENT TEXTILE DU TUYAU ET UN ANNEAU MÉTALLIQUE SUPPLÉMENTAIRE EST INCORPORÉ DANS LE TALON EN CAOUTCHOUC MOULÉ COMME UNE PARTIE INTÉGRANTE DU TUYAU. UNE BRIDE EN ACIER TOURNANTE VIENT ENSUITE S'APPUYER SUR LE TALON. CE SYSTÈME FOURNIT UNE ETANCHEITE PARFAITE, SANS NECESSITE DE JOINT SUPPLEMENTAIRE ET AUCUN CONTACT ENTRE LA BRIDE TOURNANTE ET LES PRODUITS TRANSPORTES (JOINTURE CAOUTCHOUC SUR CAOUTCHOUC).



BOLTED CLAMPS NIPPLE AND EXTERNAL CLAMPS ARE FASTENED TO THE HOSE WITH BOLTS.



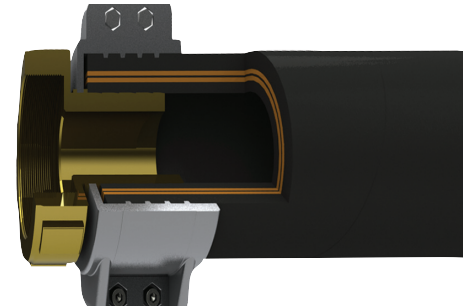
KUPPLUNGEN MIT HALBSCHALEN DIESE VERBINDUNG BESTEHT AUS EINEM STUTZEN UND EINER BANDSCHELLE. DIESE WERDEN MANUELL AN DEN SCHLAUCH FIXIERT UND KÖNNEN DADURCH UNLÖSBAR UND SCHNELL MONTIERT WERDEN.



RACCORDI CON CLAMPE IMBULLONATE CODOLO E CLAMPE ESTERNI SONO FISSATE AL TUBO CON BULLONI.



RACCORDS AVEC COQUILLES A BOULONS UNE DOUILLE ET DES COQUILLES EXTERIEURES SONT FIXÉES AU TUYAU AVEC DES BOULONS.



CAPPED END HOSE END IS COMPLETELY SEALED WITH RUBBER.



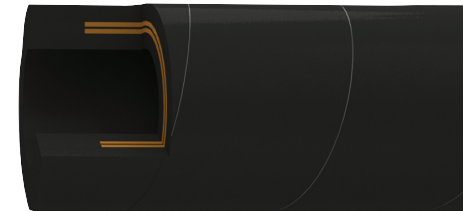
GUMMIERTE ENDEN DIE SCHLAUCHENDEN BESTEHEN LEDIGLICH AUS KAUTSCHUK.



RANELLA IN GOMMA L'ESTREMITA DI TUBO E COMPLETAMENTE RICOPERTA DI GOMMA.



MANCHETTE PROTEGEE L'EXTREMITÉ DU TUYAU EST COMPLETEMENT ENVELOPEE AVEC DU CAOUTCHOUC.



NOZZLEEND THE INSIDE AND OUTSIDE DIAMETER OF THE HOSE END ARE GRADUALLY TAPERED DOWN TO FORM A NOZZLE. REINFORCEMENT ARE EXTENDED TO THE END OF THE NOZZLE.



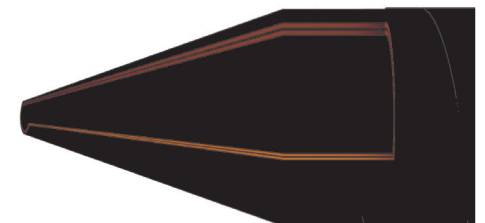
KUPPLUNGEN MIT HALBSCHALEN DER INNEN- UND AUSSENDURCHMESSER DES SCHLAUCHES REDUZIERT SICH ZU EINER GUMMIDUESE MIT TEXTILEVERSTÄRKUNG BIS ZUM SCHLAUCHENDE.

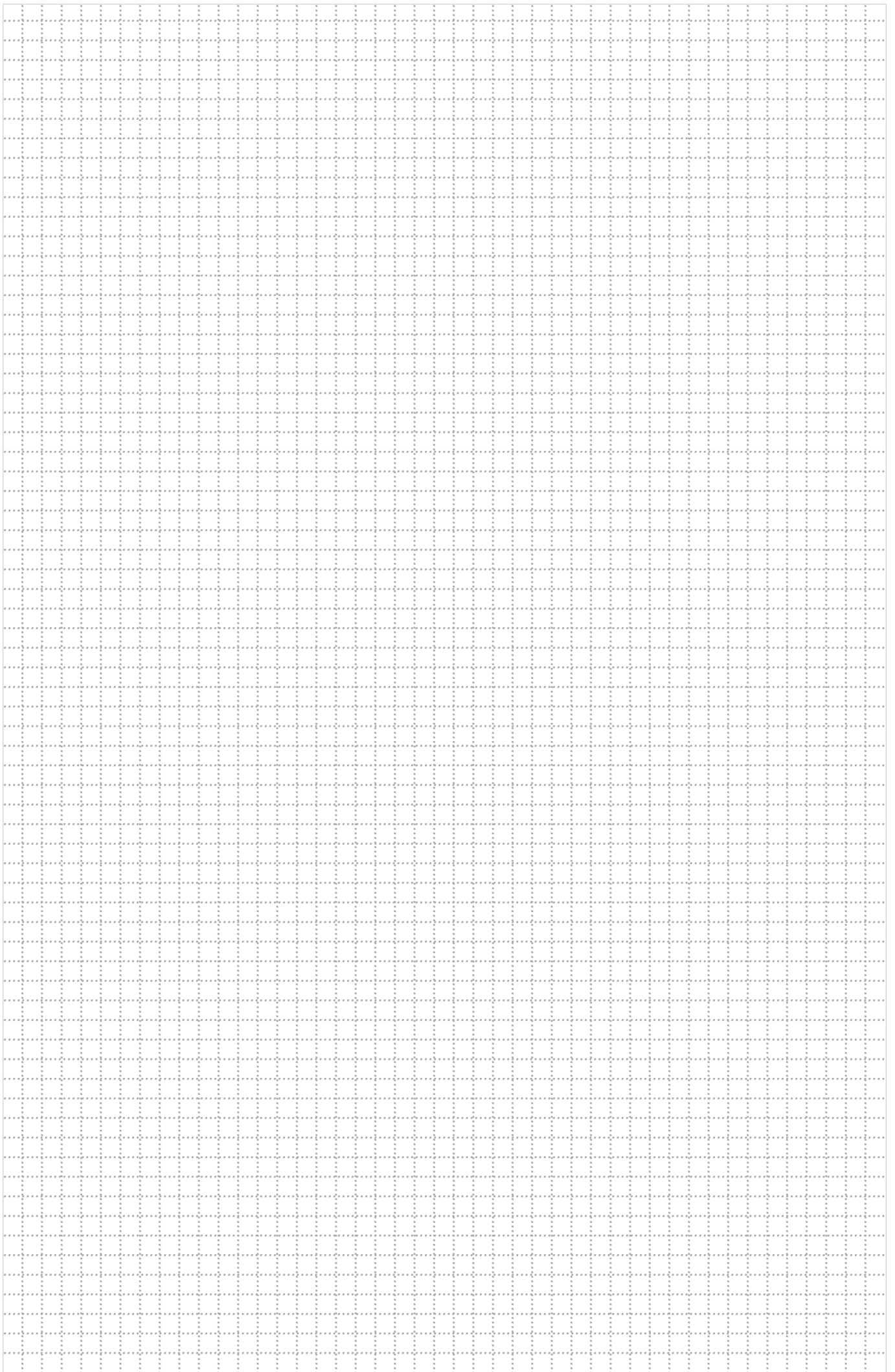


LANCIA IL DIAMETRO INTERNO ET ESTERNO DEL TUBO FLESSIBILE SONO GRADUALMENTE RIDOTTO FINO A FORMARE UNA LANCIA. RAFFORZAMENTO SONO ESTESE FINO ALLA FINE DELLA LANCIA.



MANCHETTE EFFILEE LE DIAMÈTRE INTÉRIEUR ET EXTÉRIEUR DU TUYAU SONT PROGRESSIVEMENT RÉDUITES POUR FORMER UNE MANCHETTE EFFILÉE. LE RENFORCEMENT EST PROLONGÉ JUSQU'À LA FIN DE LA MANCHETTE.



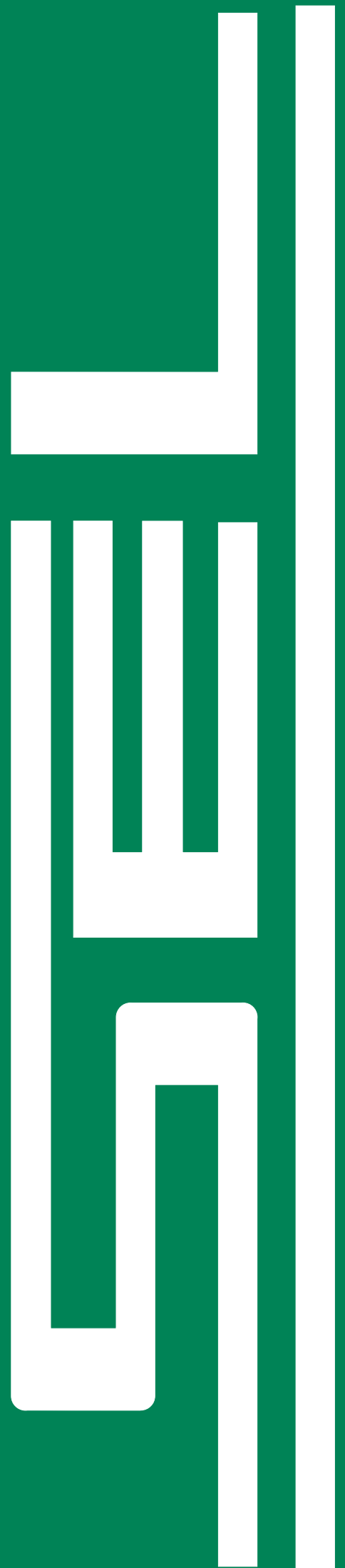


Water

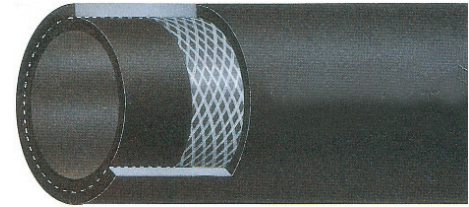
Wasser


Acqua


Eau





Water



 TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : WEATHER AND ABRASION RESISTANT SMOOTH SYNTHETIC RUBBER.
 APPLICATION : GARDENING AND GENERAL WATER DISCHARGE SERVICES.

 SEELE : NATUR- UND SYNTHETISCHER KAUSCHUK.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE EINLAGE.
 DECKE : GLATT, WETTER- UND ABRIEBFESTER SYNTHETISCHER GUMMI.
 ANWENDUNG : FÜR LANDWIRTSCHAFTLICHE BEWÄSSERUNG UND BEFÖRDERUNG VON WASSER.

 SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : LISCIA IN GOMMA SINTETICA RESISTENTE ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : MANDATA D'ACQUA PER USO GENERALE PER GIARDINAGGIO ED EDILIZIA.

 TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A L'ABRASION ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : REFOULEMENT D'EAU POUR L'ARROSAGE, NETTOYAGE ETC.

| ID | | OD | WP | | BP | | W | L |
|-------|----|----|-----|-----|-----|-----|-----|-----|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/4" | 6 | 11 | 10 | 145 | 30 | 435 | 105 | 100 |
| 5/16" | 8 | 14 | 10 | 145 | 30 | 435 | 160 | 100 |
| 3/8" | 10 | 16 | 10 | 145 | 30 | 435 | 190 | 100 |
| 1/2" | 13 | 19 | 10 | 145 | 30 | 435 | 230 | 100 |
| 5/8" | 16 | 23 | 10 | 145 | 30 | 435 | 330 | 100 |
| 3/4" | 19 | 27 | 10 | 145 | 30 | 435 | 440 | 100 |
| 1" | 25 | 34 | 10 | 145 | 30 | 435 | 630 | 100 |



-25°C / + 70°C
 -13°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL TS EN ISO 1403 Type 2 (SIZE mm) 1.0 MPA (10 BAR) - 145 PSI (YEAR)

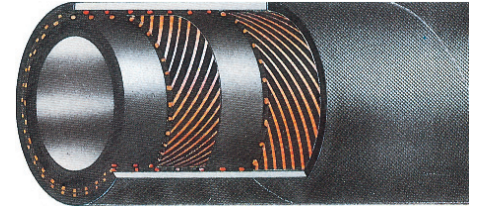
NORMS
 NORMEN
 NORME
 NORMES

TS EN ISO 1403/2
 ISO 1403/2
 ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Low Pressure Water



TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : WEATHER AND OZONE RESISTANT SMOOTH SYNTHETIC RUBBER.
 APPLICATION : GARDENING AND GENERAL WATER DISCHARGE SERVICES.



SEELE : NATUR- UND SYNTHETISCHER KAUTSCHUK.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE EINLAGE.
 DECKE : WETTER - UND OZONBESTÄNDIGER SYNTHETISCHER GUMMI.
 ANWENDUNG : FÜR LANDWIRTSCHAFTLICHE BEWÄSSERUNG UND BEFÖRDERUNG VON WASSER.



SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SINTETICA RESISTENTE AGLI AGENTI ATMOSFERICI E ALL'OZONO.
 IMPIEGO : MANDATA D'ACQUA PER USO GENERALE PER GIARDINAGGIO ED EDILIZIA.



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : REFOULEMENT D'EAU INDUSTRIELLES A LA PRESSION DU RESEAU.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/8" | 10 | 17 | 6 | 87 | 18 | 261 | 231 | 40-46 |
| 1/2" | 12.7 | 20 | 6 | 87 | 18 | 261 | 277 | 40-46-61 |
| 5/8" | 16 | 23 | 6 | 87 | 18 | 261 | 322 | 40-46-61 |
| 3/4" | 19 | 26 | 6 | 87 | 18 | 261 | 385 | 40-46-61 |
| 1" | 25.4 | 33 | 6 | 87 | 18 | 261 | 510 | 40-46-61 |
| 1 1/4" | 32 | 40 | 6 | 87 | 18 | 261 | 632 | 40-46-61 |
| 1 1/2" | 38 | 46 | 6 | 87 | 18 | 261 | 740 | 40-46-61 |
| 1 3/4" | 44.5 | 53 | 6 | 87 | 18 | 261 | 930 | 40-46-61 |
| 2" | 50.8 | 60 | 6 | 87 | 18 | 261 | 1195 | 40-46-61 |
| 2 1/2" | 63.5 | 73 | 6 | 87 | 18 | 261 | 1491 | 40-46-61 |
| 2 3/4" | 70 | 80 | 6 | 87 | 18 | 261 | 1750 | 40-46-61 |
| 3" | 76.2 | 86 | 6 | 87 | 18 | 261 | 1811 | 40-46-61 |
| 4" | 101.6 | 112 | 6 | 87 | 18 | 261 | 2545 | 40-46-61 |
| 5" | 127 | 139 | 6 | 87 | 18 | 261 | 3555 | 40-46-61 |
| 6" | 152.4 | 165 | 6 | 87 | 18 | 261 | 4634 | 40-46-61 |
| 8" | 203.2 | 218 | 6 | 87 | 18 | 261 | 7320 | 20-40 |
| 10" | 254 | 270 | 6 | 87 | 18 | 261 | 9450 | 20 |



-25°C / + 70°C
 -13°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL EGE - 6 LOW PRESSURE WATER HOSE / TS - EN ISO 1403 Type 1 W.P. 6 Bar (87 PSI)

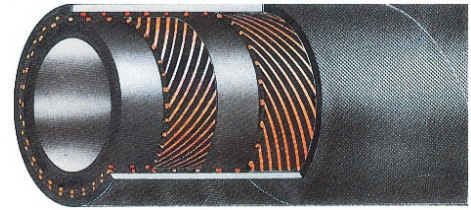
NORMS
 NORMEN
 NORME
 NORMES

TS EN ISO 1403/1
 ISO 1403/1
 ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR





Medium Pressure Water



 TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : WEATHER AND OZONE RESISTANT SYNTHETIC RUBBER.
 APPLICATION : INDUSTRIAL AND CONSTRUCTION SERVICES, WITH MEDIUM PRESSURE REQUIREMENT.

 SEELE : NATUR- UND SYNTHETISCHER KAUSCHUK.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE EINLAGE.
 DECKE : WETTER - UND OZONBESTÄNDIGER SYNTHETISCHER GUMMI.
 ANWENDUNG : ZUR VERWENDUNG IN INDUSTRIE UND BAU; MIT MITTLEREN DRUCKANFORDERUNGEN.

 SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SINTETICA RESISTENTE AGLI AGENTI ATMOSFERICI E ALL'OZONO.
 IMPIEGO : MANDATA D'ACQUA A MEDIA PRESSIONE PER USO INDUSTRIALE ED EDILIZIA.

 TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT D'EAU A PRESSION MOYENNE DANS L'INDUSTRIE ET CONSTRUCTION.



| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|-------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/8" | 10 | 17 | 10 | 145 | 30 | 435 | 231 | 40-46 |
| 1/2" | 12.7 | 20 | 10 | 145 | 30 | 435 | 277 | 40-46-61 |
| 5/8" | 16 | 23 | 10 | 145 | 30 | 435 | 322 | 40-46-61 |
| 3/4" | 19 | 27 | 10 | 145 | 30 | 435 | 435 | 40-46-61 |
| 1" | 25.4 | 33 | 10 | 145 | 30 | 435 | 499 | 40-46-61 |
| 1 1/4" | 32 | 41 | 10 | 145 | 30 | 435 | 749 | 40-46-61 |
| 1 1/2" | 38 | 47 | 10 | 145 | 30 | 435 | 895 | 40-46-61 |
| 1 3/4" | 44.5 | 54 | 10 | 145 | 30 | 435 | 1101 | 40-46-61 |
| 2" | 50.8 | 60 | 10 | 145 | 30 | 435 | 1183 | 40-46-61 |
| 2 1/2" | 63.5 | 74 | 10 | 145 | 30 | 435 | 1670 | 40-46-61 |
| 2 3/4" | 70 | 82 | 10 | 145 | 30 | 435 | 2061 | 40-46-61 |
| 3" | 76.2 | 88 | 10 | 145 | 30 | 435 | 2193 | 40-46-61 |
| 4" | 101.6 | 115 | 10 | 145 | 30 | 435 | 3286 | 40-46-61 |
| 5" | 127 | 140 | 10 | 145 | 30 | 435 | 3861 | 40-46-61 |
| 6" | 152.4 | 165 | 10 | 145 | 30 | 435 | 4560 | 40-46-61 |
| 8" | 203.2 | 222 | 10 | 145 | 30 | 435 | 8110 | 20-40-46 |
| 10" | 254 | 270 | 10 | 145 | 30 | 435 | 10670 | 20-25 |



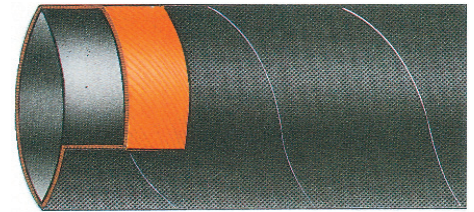
-25°C / + 70°C
 -13°F / +158°F


MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**


SEL EGE - 10 MEDIUM PRESSURE WATER HOSE / TS - EN ISO 1403 Type 2 W.P. 10 Bar (145 PSI)  

| | | | |
|------------------------------------|---|--------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN ISO 1403-2 / ISO 1403-2 ISO 1307 | CLOUR FARBEN COLORI COULEUR |   |
|------------------------------------|---|--------------------------------------|--|


Layflat Water



 TUBE : NATURAL AND SYNTHETIC RUBBER
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE
 COVER : WEATHER RESISTANT SYNTHETIC RUBBER
 APPLICATION : FOR DISCHARGE OF WATER IN AGRICULTURAL AND INDUSTRIAL APPLICATIONS.

 SEELE : NATUR- UND SYNTHETISCHER KAUTSCHUK.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE EINLAGE.
 DECKE : WETTER- UND ABRIEBFESTER SYNTHETISCHER GUMMI.
 ANWENDUNG : ZUR VERWENDUNG IN INDUSTRIE UND LANDWIRTSCHAFT.

 SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SINTETICA RESISTENTE AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA D'ACQUA IN AGRICOLTURA ED INDUSTRIA.

 TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : REFOULEMENT D'EAU DANS L'INDUSTRIE ET L'AGRICULTURE.


| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|-------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 2" | 50.8 | 56 | 5 | 73 | 15 | 218 | 705 | 40-46-61 |
| 2 1/2" | 63.5 | 69 | 5 | 73 | 15 | 218 | 871 | 40-46-61 |
| 2 3/4" | 70 | 76 | 5 | 73 | 15 | 218 | 1031 | 40-46-61 |
| 3" | 76.2 | 82 | 5 | 73 | 15 | 218 | 1090 | 40-46-61 |
| 4" | 101.6 | 108 | 5 | 73 | 15 | 218 | 1592 | 40-46-61 |
| 5" | 127 | 134 | 5 | 73 | 15 | 218 | 2145 | 40-46-61 |
| 6" | 152.4 | 160 | 5 | 73 | 15 | 218 | 2718 | 40-46-61 |
| 8" | 203.2 | 212 | 5 | 73 | 15 | 218 | 4160 | 20-40-46 |
| 10" | 254 | 264 | 5 | 73 | 15 | 218 | 6035 | 20-25 |
| 12" | 304.8 | 315 | 5 | 73 | 15 | 218 | 7075 | 20-25 |
| 14" | 355.6 | 367 | 5 | 73 | 15 | 218 | 9035 | 6 |
| 16" | 406.4 | 417 | 5 | 73 | 15 | 218 | 10715 | 6 |
| 20" | 508 | 519 | 5 | 73 | 15 | 218 | 12205 | 6 |



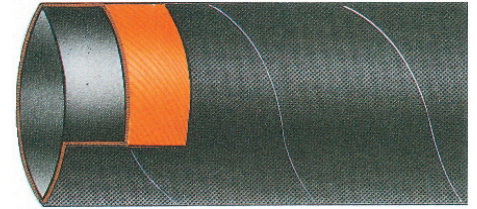
-25°C / + 70°C
 -13°F / +158°F


MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**


 **FLAT - 5** LAYFLAT WATER HOSE W.P. 5 Bar (73 PSI) 

| | | | |
|------------------------------------|----------|---------------------------------------|---|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|---|


High Pressure Layflat Water



 TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : WEATHER RESISTANT SYNTHETIC RUBBER.
 APPLICATION : FOR DISCHARGE OF WATER IN AGRICULTURAL AND INDUSTRIAL APPLICATIONS.

 SEELE : NATUR- UND SYNTHETISCHER KAUTSCHUK.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE EINLAGE.
 DECKE : WETTER- UND ABRIEBFESTER SYNTHETISCHER GUMMI.
 ANWENDUNG : ZUR VERWENDUNG IN INDUSTRIE UND LANDWIRTSCHAFT.

 SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SINTETICA RESISTENTE AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA D'ACQUA IN AGRICOLTURA ED INDUSTRIA.

 TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : REFOULEMENT D'EAU DANS L'INDUSTRIE ET L'AGRICULTURE.



CODE: WLF136

| inch | mm | mm | bar | psi | bar | psi | g/m | m |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| 2" | 50.8 | 57 | 10 | 145 | 30 | 435 | 785 | 40-46-61 |
| 2 1/2" | 63.5 | 70 | 10 | 145 | 30 | 435 | 968 | 40-46-61 |
| 2 3/4" | 70 | 77 | 10 | 145 | 30 | 435 | 1137 | 40-46-61 |
| 3" | 76.2 | 83 | 10 | 145 | 30 | 435 | 1232 | 40-46-61 |
| 4" | 101.6 | 109 | 10 | 145 | 30 | 435 | 1785 | 40-46-61 |
| 5" | 127 | 136 | 10 | 145 | 30 | 435 | 2650 | 40-46-61 |
| 6" | 152.4 | 162 | 10 | 145 | 30 | 435 | 3556 | 40-46-61 |
| 8" | 203.2 | 217 | 10 | 145 | 30 | 435 | 6285 | 20-40-46 |
| 10" | 254 | 268 | 10 | 145 | 30 | 435 | 8280 | 20-25 |

CODE: WLF138


| inch | mm | mm | bar | psi | bar | psi | g/m | m |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| 2" | 50.8 | 59 | 20 | 290 | 60 | 870 | 1015 | 40-46-61 |
| 2 1/2" | 63.5 | 73 | 20 | 290 | 60 | 870 | 1375 | 40-46-61 |
| 2 3/4" | 70 | 79 | 20 | 290 | 60 | 870 | 1542 | 40-46-61 |
| 3" | 76.2 | 86 | 20 | 290 | 60 | 870 | 1753 | 40-46-61 |
| 4" | 101.6 | 112 | 20 | 290 | 60 | 870 | 2307 | 40-46-61 |
| 5" | 127 | 138 | 20 | 290 | 60 | 870 | 2990 | 40-46-61 |
| 6" | 152.4 | 163 | 20 | 290 | 60 | 870 | 3563 | 40-46-61 |



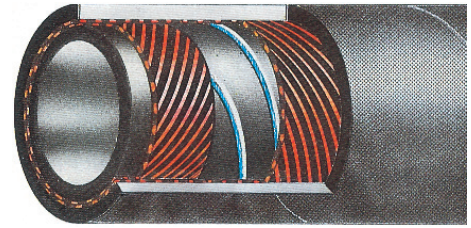
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

 **FLAT - 10** LAYFLAT WATER HOSE W.P. 10 Bar (145 PSI) 

 **FLAT - 20** LAYFLAT WATER HOSE W.P. 20 Bar (290 PSI) 

| | | | |
|------------------------------------|----------|---------------------------------------|---|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|---|

Water Suction & Discharge



TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL HELIX WIRE.
 COVER : ABRASION AND WEATHER RESISTANT SYNTHETIC RUBBER.
 APPLICATION : WATER SUCTION AND DISCHARGE IN INDUSTRIAL AND CONSTRUCTION SERVICES.



SEELE : NATUR- UND SYNTHETISCHER KAUSCHUK.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE EINLAGE MIT STAHLDRAPTEINLAGE.
 DECKE : WETTER- UND ABRIEBFESTER SYNTHETISCHER GUMMI.
 ANWENDUNG : SAUG & DRUCKSCHLAUCH ZUR VERWENDUNG IN INDUSTRIE UND BAUBRANCHE.



SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E SPIRALE D'ACCIAIO INCORPORATA.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : ASPIRAZIONE E MANDATA D'ACQUA PER USO INDUSTRIALE ED EDILIZIA.



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A L'ABRASION ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'EAU DANS L'INDUSTRIE ET CONSTRUCTION.

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|--------|------|-------|----------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 28 | 10 | 145 | 30 | 435 | -0.92 | 70 | 531 | 40-46-61 |
| 1 | 25.4 | 34 | 10 | 145 | 30 | 435 | -0.92 | 95 | 635 | 40-46-61 |
| 1 1/4" | 32 | 42 | 10 | 145 | 30 | 435 | -0.92 | 125 | 924 | 40-46-61 |
| 1 1/2" | 38 | 48 | 10 | 145 | 30 | 435 | -0.92 | 150 | 1165 | 40-46-61 |
| 1 3/4" | 44.5 | 55 | 10 | 145 | 30 | 435 | -0.92 | 185 | 1440 | 40-46-61 |
| 2" | 50.8 | 62 | 10 | 145 | 30 | 435 | -0.92 | 215 | 1738 | 40-46-61 |
| 2 1/2" | 63.5 | 75 | 10 | 145 | 30 | 435 | -0.92 | 280 | 2200 | 40-46-61 |
| 2 3/4" | 70 | 82 | 10 | 145 | 30 | 435 | -0.92 | 320 | 2541 | 40-46-61 |
| 3" | 76.2 | 89 | 10 | 145 | 30 | 435 | -0.92 | 350 | 2845 | 40-46-61 |
| 4" | 101.6 | 115 | 10 | 145 | 30 | 435 | -0.92 | 490 | 3930 | 40-46-61 |
| 5" | 127 | 142 | 10 | 145 | 30 | 435 | -0.80 | 650 | 5620 | 40-46-61 |
| 6" | 152.4 | 168 | 10 | 145 | 30 | 435 | -0.80 | 760 | 7340 | 40-46-61 |
| 6" | 152.4 | 167 | 7 | 102 | 21 | 305 | -0.80 | 810 | 6980 | 40-46-61 |
| 8" | 203.2 | 225 | 10 | 145 | 30 | 435 | -0.80 | 1120 | 13650 | 30 |
| 8" | 203.2 | 223 | 7 | 102 | 21 | 305 | -0.80 | 1220 | 12690 | 30 |
| 10" | 254 | 279 | 10 | 145 | 30 | 435 | -0.80 | 1525 | 18170 | 10 |
| 10" | 254 | 276 | 7 | 102 | 21 | 305 | -0.80 | 1625 | 16610 | 10 |
| 12" | 304.8 | 329 | 10 | 145 | 30 | 435 | -0.80 | 1950 | 20515 | 10 |
| 12" | 304.8 | 327 | 7 | 102 | 21 | 305 | -0.80 | 2015 | 19600 | 10 |



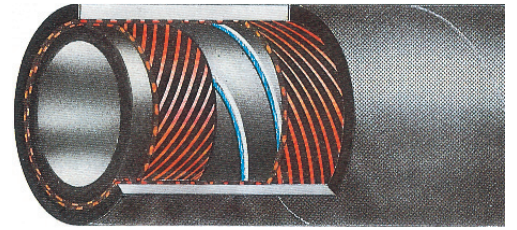
-25°C / + 70°C
 -13°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL KARADENIZ-10 WATER S/D HOSE W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Heavy Duty Water Suction & Discharge



TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND 2 STEEL HELIX WIRE.
 COVER : ABRASION AND WEATHER RESISTANT SYNTHETIC RUBBER.
 APPLICATION : WATER SUCTION AND DISCHARGE IN INDUSTRIAL AND CONSTRUCTION SERVICES.



SEELE : NATUR- UND SYNTHETISCHER KAUTSCHUK.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE EINLAGE MIT 2 STAHLDRAHTEINLAGE.
 DECKE : WETTER- UND ABRIEBFESTER SYNTETHISCHER GUMMI.
 ANWENDUNG : SAUG & DRUCKSCHLAUCH ZUR VERWENDUNG IN INDUSTRIE UND BAUBRANCHE.



SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E 2 SPIRALI D'ACCIAIO INCORPORATA.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : ASPIRAZIONE E MANDATA D'ACQUA PER USO INDUSTRIALE ED EDILIZIA.



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET 2 SPIRALES EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A L'ABRASION ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'EAU DANS L'INDUSTRIE ET CONSTRUCTION EN SERVICE SEVERE.

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|------|-----|-----|-----|-----|--------|------|-------|----------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 29 | 16 | 232 | 48 | 696 | -0.92 | 75 | 572 | 40-46-61 |
| 1 | 25.4 | 35 | 16 | 232 | 48 | 696 | -0.92 | 100 | 715 | 40-46-61 |
| 1 1/4" | 32 | 42 | 16 | 232 | 48 | 696 | -0.92 | 130 | 915 | 40-46-61 |
| 1 1/2" | 38 | 50 | 16 | 232 | 48 | 696 | -0.92 | 160 | 1341 | 40-46-61 |
| 1 3/4" | 44.5 | 57.5 | 16 | 232 | 48 | 696 | -0.92 | 195 | 1736 | 40-46-61 |
| 2" | 50.8 | 64 | 16 | 232 | 48 | 696 | -0.92 | 240 | 1920 | 40-46-61 |
| 2 1/2" | 63.5 | 76.5 | 16 | 232 | 48 | 696 | -0.92 | 300 | 2470 | 40-46-61 |
| 2 3/4" | 70 | 84 | 16 | 232 | 48 | 696 | -0.92 | 340 | 2785 | 40-46-61 |
| 3" | 76.2 | 90 | 16 | 232 | 48 | 696 | -0.92 | 380 | 3050 | 40-46-61 |
| 4" | 101.6 | 118 | 16 | 232 | 48 | 696 | -0.92 | 525 | 4855 | 40-46-61 |
| 5" | 127 | 144 | 16 | 232 | 48 | 696 | -0.80 | 700 | 6340 | 40-46-61 |
| 6" | 152.4 | 173 | 16 | 232 | 48 | 696 | -0.80 | 850 | 9390 | 40-46-61 |
| 8" | 203.2 | 228 | 16 | 232 | 48 | 696 | -0.80 | 1250 | 14880 | 20-30 |
| 10" | 254 | 284 | 16 | 232 | 48 | 696 | -0.80 | 1650 | 20755 | 10 |
| 12" | 304.8 | 339 | 16 | 232 | 48 | 696 | -0.80 | 2100 | 28480 | 10 |



- 25 °C / + 70 °C
 - 13 °F / +158 °F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL KARADENIZ-16 WATER S/D HOSE WP 16 Bar (232 PSI)



NORMS
 NORMEN
 NORME
 NORMLAR

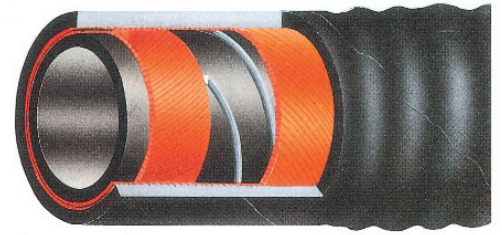
ISO 1307

COLOUR
 FARBEN
 COLORI
 RENKLER



Water Suction & Discharge

CORRUGATED



TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL HELIX WIRE.
 COVER : WEATHER AND ABRASION RESISTANT SYNTHETIC RUBBER - CORRUGATED WITH CUFFED ENDS.
 APPLICATION : WATER SUCTION AND DELIVERY, IN AGRICULTURAL, INDUSTRIAL AND CONSTRUCTION APPLICATIONS.



SEELE : NATUR- UND SYNTHETISCHER KAUTSCHUK.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE EINLAGE MIT STAHLDRAHTEINLAGE.
 DECKE : WETTER- UND ABRIEBFESTER SYNTHETISCHER GUMMI, GEWELLT MIT SPIRALFREIEN MUFFEN.
 ANWENDUNG : SAUG & DRUCKSCHLAUCH ZUR VERWENDUNG IN INDUSTRIE, LANDWIRTSCHAFT UND BAUBRANCHE.



SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E SPIRALE D'ACCIAIO INCORPARATA.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI ONDULATA CON MANICOTTI.
 IMPIEGO : ASPIRAZIONE E MANDATA D'ACQUA AD USO INDUSTRIALE, EDILIZIA E NEI POZZI NERI.



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A L'ABRASION ET AUX AGENTS ATMOSPHERIQUES - ONDULE AVEC MANCHETTE SOUPLE.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'EAU DANS L'INDUSTRIE, L'AGRICULTURE ET CONSTRUCTION.

| ID | | Cuffed End Length(cm) | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----------------------|-----|-----|-----|-----|--------|------|-------|-----|
| inch | mm | | bar | psi | bar | psi | bar | mm | g/m | m |
| 1" | 25.4 | 10 | 3 | 44 | 10 | 145 | -0.63 | 65 | 635 | 1-6 |
| 1 1/4" | 32 | 12 | 3 | 44 | 10 | 145 | -0.63 | 85 | 865 | 1-6 |
| 1 1/2" | 38 | 12 | 3 | 44 | 10 | 145 | -0.63 | 110 | 1090 | 1-6 |
| 1 3/4" | 44.5 | 12 | 3 | 44 | 10 | 145 | -0.63 | 125 | 1335 | 1-6 |
| 2" | 50.8 | 12 | 3 | 44 | 10 | 145 | -0.63 | 140 | 1402 | 1-6 |
| 2 1/2" | 63.5 | 12 | 3 | 44 | 10 | 145 | -0.63 | 200 | 2090 | 1-6 |
| 2 3/4" | 70 | 12 | 3 | 44 | 10 | 145 | -0.63 | 250 | 2425 | 1-6 |
| 3" | 76.2 | 12 | 3 | 44 | 10 | 145 | -0.63 | 275 | 2660 | 1-6 |
| 4" | 101.6 | 12 | 3 | 44 | 10 | 145 | -0.63 | 400 | 3540 | 1-6 |
| 5" | 127 | 15 | 3 | 44 | 10 | 145 | -0.63 | 500 | 5470 | 1-6 |
| 6" | 152.4 | 15 | 3 | 44 | 10 | 145 | -0.63 | 600 | 6965 | 1-6 |
| 8" | 203.2 | 15 | 3 | 44 | 10 | 145 | -0.63 | 800 | 9245 | 1-6 |
| 10" | 254 | 15 | 3 | 44 | 10 | 145 | -0.63 | 1100 | 15930 | 1-6 |
| 12" | 304.8 | 15 | 3 | 44 | 10 | 145 | -0.63 | 1400 | 18915 | 1-6 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : ISO 4641 Type 1,2,3
 Auf Anfrage : ISO 4641 Type 1,2,3
 Su Richiesta : ISO 4641 Type 1,2,3
 Sur Demande : ISO 4641 Type 1,2,3



-25°C / + 70°C
 -13°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**





| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|


Water Suction & Discharge


FLAT CORRUGATED



 TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL HELIX WIRE.
 COVER : WEATHER AND ABRASION RESISTANT SYNTHETIC RUBBER - FLAT CORRUGATED.
 APPLICATION : WATER SUCTION AND DELIVERY, IN AGRICULTURAL, INDUSTRIAL AND CONSTRUCTION APPLICATIONS.

 SEELE : NATUR- UND SYNTHETISCHER KAUTSCHUK.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE EINLAGE MIT STAHLDRAHTEINLAGE.
 DECKE : WETTER- UND ABRIEBFESTER SYNTETHISCHER GUMMI, LEICHT GEWELLT.
 ANWENDUNG : SAUG & DRUCKSCHLAUCH ZUR VERWENDUNG IN INDUSTRIE, LANDWIRTSCHAFT UND BAUBRANCHE.

 SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E SPIRALE D'ACCIAIO INCORPORATA.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI - ONDULATO PIATTO.
 IMPIEGO : ASPIRAZIONE E MANDATA D'ACQUA AD USO INDUSTRIALE, EDILIZIA E NEI POZZI NERI.


 TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A L'ABRASION ET AUX AGENTS ATMOSPHERIQUES, ONDULE PLAT.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'EAU DANS L'INDUSTRIE, L'AGRICULTURE ET CONSTRUCTION.

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|--------|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 27 | 10 | 145 | 30 | 435 | -0.92 | 50 | 440 | 40-46-61 |
| 1" | 25.4 | 34 | 10 | 145 | 30 | 435 | -0.92 | 65 | 605 | 40-46-61 |
| 1 1/4" | 32 | 41 | 10 | 145 | 30 | 435 | -0.92 | 80 | 805 | 40-46-61 |
| 1 1/2" | 38 | 47 | 10 | 145 | 30 | 435 | -0.92 | 100 | 915 | 40-46-61 |
| 2" | 50.8 | 61 | 10 | 145 | 30 | 435 | -0.92 | 140 | 1440 | 40-46-61 |
| 2 1/2" | 63.5 | 74 | 10 | 145 | 30 | 435 | -0.92 | 175 | 1780 | 40-46-61 |
| 3" | 76.2 | 88 | 10 | 145 | 30 | 435 | -0.92 | 250 | 2300 | 40-46-61 |
| 4" | 101.6 | 115 | 10 | 145 | 30 | 435 | -0.92 | 350 | 3740 | 40-46-61 |
| 5" | 127 | 143 | 10 | 145 | 30 | 435 | -0.80 | 440 | 5735 | 40-46-61 |
| 6" | 152.4 | 169 | 10 | 145 | 30 | 435 | -0.80 | 600 | 7395 | 40-46-61 |

 -25°C / + 70°C
 -13°F / +158°F

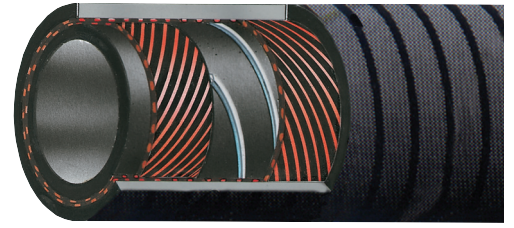
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

 **ADRIATIC** WATER S/D HOSE W.P. 10 Bar (145 PSI) 

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|--|

Water Suction & Discharge

CHANNELED



TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL HELIX WIRE.
 COVER : ABRASION AND WEATHER RESISTANT SYNTHETIC RUBBER - CHANNELED.
 APPLICATION : WATER SUCTION AND DISCHARGE IN INDUSTRIAL AND CONSTRUCTION APPLICATIONS.



SEELE : NATUR- UND SYNTHETISCHER KAUSCHUK.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE EINLAGE MIT STAHLDRAPTEINLAGE.
 DECKE : WETTER- UND ABRIEBFESTER SYNTETHISCHER GUMMI, KORDELGERIPPT.
 ANWENDUNG : SAUG & DRUCKSCHLAUCH ZUR VERWENDUNG IN INDUSTRIE UND BAUBRANCHE.



SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E SPIRALE D'ACCIAIO INCORPORATA.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI - GRECATO.
 IMPIEGO : ASPIRAZIONE E MANDATA D'ACQUA AD USO INDUSTRIALE ED EDILIZIA.



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A L'ABRASION ET AUX AGENTS ATMOSPHERIQUES, ASPECT CRENELE.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'EAU DANS L'INDUSTRIE ET CONSTRUCTION.

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|--------|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 29 | 10 | 145 | 30 | 435 | -0.92 | 40 | 505 | 40-46-61 |
| 1" | 25.4 | 35 | 10 | 145 | 30 | 435 | -0.92 | 50 | 695 | 40-46-61 |
| 1 1/4" | 32 | 42 | 10 | 145 | 30 | 435 | -0.92 | 65 | 890 | 40-46-61 |
| 1 1/2" | 38 | 48 | 10 | 145 | 30 | 435 | -0.92 | 85 | 1035 | 40-46-61 |
| 2" | 50.8 | 62 | 10 | 145 | 30 | 435 | -0.92 | 120 | 1445 | 40-46-61 |
| 2 1/2" | 63.5 | 75 | 10 | 145 | 30 | 435 | -0.92 | 160 | 1935 | 40-46-61 |
| 3" | 76.2 | 90 | 8 | 116 | 24 | 348 | -0.92 | 190 | 2610 | 40-46-61 |
| 4" | 101.6 | 117 | 8 | 116 | 24 | 348 | -0.92 | 280 | 3900 | 40-46-61 |
| 5" | 127 | 146 | 8 | 116 | 24 | 348 | -0.80 | 350 | 6400 | 40-46-61 |
| 6" | 152.4 | 170 | 8 | 116 | 24 | 348 | -0.80 | 550 | 7000 | 40-46-61 |



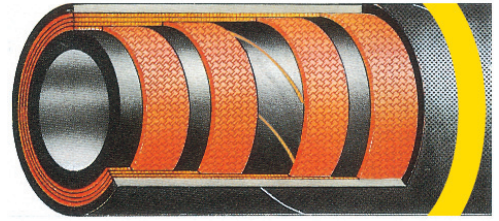
-25°C / + 70°C
 -13°F / +158°F


MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**




| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|


Tank Cleaning Hose



 TUBE : DETERGENT RESISTANT EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND 2 ANTISTATIC COPPER WIRE.
 COVER : WEATHER AND DETERGENT RESISTANT EPDM RUBBER.
 APPLICATION : FOR TANK CLEANING APPLICATIONS.

 SEELE : SPÜLMITTELBESTÄNDIGER EPDM GUMMI.
 EINLAGE : HOCHZUGFESTES; SYNTHETISCHES TEXTILGEFLECHT UND 2 ANTISTATISCHE KUPFERLITZEN.
 DECKE : WETTER UND SPÜLMITTEL BESTÄNDIGER EPDM GUMMI.
 ANWENDUNG : FÜR REINIGUNG VON BEHÄLTERN UND TANKS.

 SOTTOSTRATO : GOMMA IN EPDM RESISTENTE AI DETERSIVI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E 2 CORDICELLE DI RAME ANTISTATICA.
 COPERTURA : GOMMA IN EPDM RESISTENTE AI DETERSIVI ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER LA PULIZIA DEI SERBATOI.


 TUBE : CAOUTCHOUC EPDM RESISTANT AUX DETERGENTS.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET 2 FILS DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC EPDM RESISTANT AUX AGENTS ATMOSPHERIQUES ET AUX DETERGENTS.
 APPLICATION : POUR NETTOYAGE DE RESERVOIRS.

| ID | | OD | WP | | BP | | W | L |
|--------|------|----|-----|-----|-----|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1 1/2" | 38 | 54 | 25 | 363 | 75 | 1088 | 1630 | 40-46-61 |
| 2" | 50.8 | 68 | 25 | 363 | 75 | 1088 | 2291 | 40-46-61 |

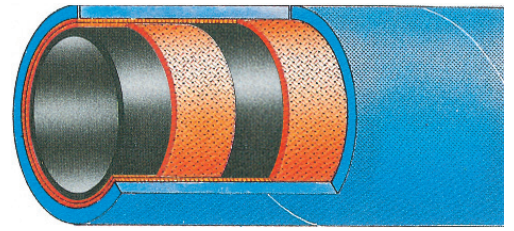
 -40°C / +125°C
 -40°F / +257°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

 **TERKOS** TANK CLEANING HOSE W.P. 25 Bar (363 PSI) 

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|--|

Artificial Snow



TUBE : SBR/NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE, WEATHER RESISTANT SBR-EPDM RUBBER.
 APPLICATION : FOR ARTIFICIAL SNOW EQUIPMENTS.



SEELE : SBR / NBR GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEBFESTER, OZON- UND WETTERBESTÄNDIGER SBR-EPDM GUMMI.
 ANWENDUNG : FÜR SCHNEEKANONEN / SCHNEEERZEUGER.



SOTTOSTRATO : GOMMA SBR/NBR.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SBR-EPDM RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : IMPIANTI DI INNEVAMENTO ARTIFICIALE.



TUBE : CAOUTCHOUC SBR/NBR.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SBR/EPDM RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR CANONS A NEIGE.

| ID | | OD | WP | | BP | | W | L |
|--------|------|----|-----|-----|-----|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1 1/2" | 38 | 52 | 40 | 580 | 160 | 2320 | 1340 | 40-46-61 |
| 2" | 50.8 | 67 | 40 | 580 | 160 | 2320 | 1980 | 40-46-61 |

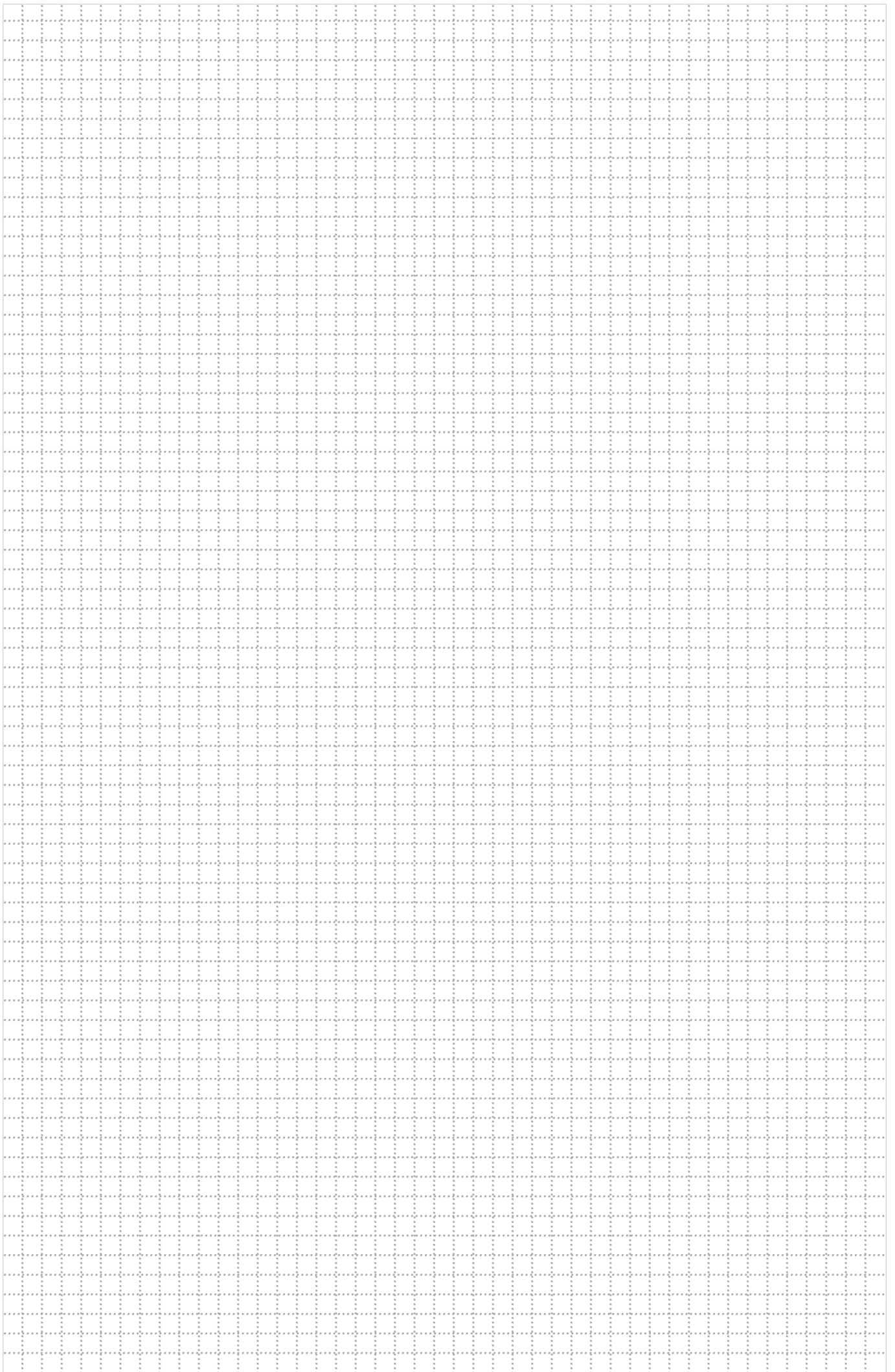


-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Sewer & Road Cleaning

Kanal- und Straßenreinigung

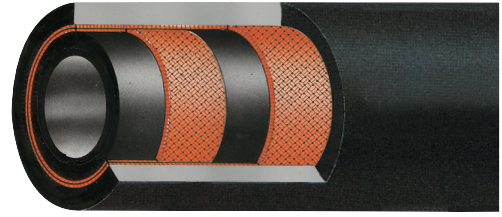
Lavaggio Fognatura & Strada

Hydrocurage & Route



Sewer Jetting

200 BAR



TUBE : SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OIL AND WEATHER RESISTANT SMOOTH, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR HIGH PRESSURE WATER CLEANING AND RINSING OF SEWAGE SYSTEMS.



SEELE : SPEZIELLER SYNTHETISCHER GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILGEFLECHTE.
 DECKE : SPEZIELLER SYNTHETISCHER GUMMI, ABRIEBFEST, GLATT, ÖL- UND WETTERBESTÄNDIG.
 ANWENDUNG : FÜR HOCHDRUCKANWENDUNGEN MIT WASSER UND KANALREINIGUNG.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA, LISCIA, RESISTENTE ALL'ABRASIONE, OLII ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER PULUZIE AD ALTA PRESSIONE DELLE FOGNATURE IN CONDIZIONI D'IMPIEGO GRAVOSE.



TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE, RESISTANT A L'ABRASION, AUX HUILES ET AUX AGENTS ATMOSPERIQUES.
 APPLICATION : POUR NETTOYAGE DES EGOUTS ET NETTOYAGE INTENSIF A L'EAU SOUS PRESSION ELEVEE.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|------|------|-----|------|-----|------|-----|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m | |
| 1/2" | 12.7 | 25 | 200 | 2900 | 500 | 7250 | 65 | 430 | Max. 240 | |
| 5/8" | 16 | 28 | 200 | 2900 | 500 | 7250 | 80 | 450 | Max. 240 | |
| 3/4" | 19 | 31.6 | 200 | 2900 | 500 | 7250 | 90 | 545 | Max. 240 | |
| 1" | 25.4 | 39.3 | 200 | 2900 | 500 | 7250 | 105 | 770 | Max. 240 | |
| 1 1/4" | 31.8 | 48 | 200 | 2900 | 500 | 7250 | 140 | 1040 | Max. 200 | |
| 1 1/2" | 38.1 | 54 | 200 | 2900 | 500 | 7250 | 150 | 1230 | Max. 200 | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

- Upon Request : Could be assembled with BSP female / male couplings.
 Auf Anfrage : Kann angewendet werden als BSP Temperierkupplungs-Muffe mit Ventil/BSP Steckkupplung.
 Su Richiesta : Potrebbe essere assemblato con raccordi BSP maschio / femmina.
 Sur Demande : Peuvent etre equipés de raccords mâles / femelles BSP.



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE - EMBOSSED OR INK-JET**

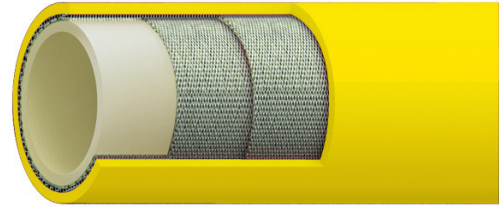
SEL TB KUKA 200 SEWER JETTING HOSE ** (DN ** mm) W.P. 200 Bar (2900 PSI)


| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|





Sewer Jetting


200 BAR



 TUBE : SPECIAL PE COMPOUND.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION AND WEATHER RESISTANT TPU COMPOUND.
 APPLICATION : FOR HIGH PRESSURE WATER CLEANING AND RINSING OF SEWAGE SYSTEMS

 SEELE : SPEZIELLE PE - MISCHUNG.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILGEFLECHTE.
 DECKE : ABRIEBFESTE UND WETTERBESTÄNDIGE TPU - MISCHUNG.
 ANWENDUNG : FÜR HOCHDRUCKANWENDUNGEN MIT WASSER UND KANALREINIGUNG.

 SOTTOSTRATO : MESCOLA SPECIALE IN PE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : MESCOLA SPECIALE IN TPU, RESISTENTE ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER PULIZIA AD ALTA PRESSIONE DELLE FOGNATURE IN CONDIZIONI D'IMPIEGO GRAVOSE.

 TUBE : MELANGE SPECIAL EN PE.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : MELANGE EN TPU RESISTANT A L'ABRASION ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR NETTOYAGE DES EGOUTS ET NETTOYAGE INTENSIF A L'EAU SOUS PRESSION ELEVEE.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|------|------|-----|------|-----|------|-----|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m | |
| 1/2" | 12.7 | 20.6 | 200 | 2900 | 500 | 7250 | 100 | 230 | Max. 400 | |
| 3/4" | 19.2 | 29.6 | 200 | 2900 | 500 | 7250 | 220 | 425 | Max. 350 | |
| 1" | 25.4 | 38 | 200 | 2900 | 500 | 7250 | 300 | 610 | Max. 250 | |
| 1 1/4" | 32 | 48.5 | 200 | 2900 | 500 | 7250 | 350 | 1140 | Max. 200 | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : Could be assembled with BSP female / male couplings.
 Auf Anfrage : Kann angewendet werden als BSP Temperierkupplungs-Muffe mit Ventil/BSP Steckkupplung.
 Su Richiesta : Potrebbe essere assemblato con raccordi BSP maschio / femmina.
 Sur Demande : Peuvent etre equipés de raccords mâles / femelles BSP.



-20°C / + 60°C
 - 4°F / +140°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **INK-JET**

SEL TPU KUKA - 200 SEWER JETTING HOSE **" (DN ** mm) W.P. 200 Bar (2900 PSI)



NORMS
 NORMEN
 NORME
 NORMES

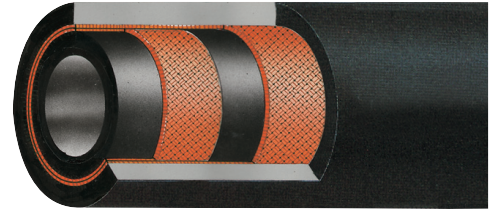
ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Sewer Jetting

250 BAR



TUBE : SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OIL AND WEATHER RESISTANT SMOOTH, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR HIGH PRESSURE WATER CLEANING AND RINSING OF SEWAGE SYSTEMS.



SEELE : SPEZIELLER SYNTHETISCHER GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILGEFLECHTE.
 DECKE : SPEZIELLER SYNTHETISCHER GUMMI, ABRIEBFEST, GLATT, ÖL- UND WETTERBESTÄNDIG.
 ANWENDUNG : FÜR HOCHDRUCKANWENDUNGEN MIT WASSER UND KANALREINIGUNG.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA, LISCIA, RESISTENTE ALL'ABRASIONE, OLII ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER PULIZIE AD ALTA PRESSIONE DELLE FOGNATURE IN CONDIZIONI D'IMPIEGO GRAVOSE.



TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE, RESISTANT A L'ABRASION, AUX HUILES ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR NETTOYAGE DES EGOUTS ET NETTOYAGE INTENSIF A L'EAU SOUS PRESSION ELEVEE.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|------|------|-----|------|-----|------|-----|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 25 | 250 | 3625 | 625 | 9063 | 65 | 440 | Max. 240 | |
| 5/8" | 16 | 28 | 250 | 3625 | 625 | 9063 | 75 | 480 | Max. 240 | |
| 3/4" | 19 | 31.6 | 250 | 3625 | 625 | 9063 | 90 | 555 | Max. 240 | |
| 1" | 25.4 | 39.3 | 250 | 3625 | 625 | 9063 | 100 | 780 | Max. 240 | |
| 1 1/4" | 31.8 | 48 | 250 | 3625 | 625 | 9063 | 130 | 1060 | Max. 200 | |
| 1 1/2" | 38.1 | 54 | 250 | 3625 | 625 | 9063 | 150 | 1250 | Max. 200 | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : Could be assembled with BSP female / male couplings.
 Auf Anfrage : Kann angewendet werden als BSP Temperierkupplungs-Muffe mit Ventil/BSP Steckkupplung.
 Su Richiesta : Potrebbe essere assemblato con raccordi BSP maschio / femmina.
 Sur Demande : Peuvent etre equipés de raccords mâles / femelles BSP.



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE - EMBOSSED OR INK-JET**

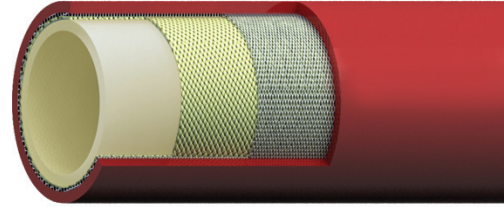
SEL TB KUKA 250 SEWER JETTING HOSE ** (DN ** mm) W.P. 250 Bar (3625 PSI)


| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|





Sewer Jetting


250 BAR



 TUBE : SPECIAL PE COMPOUND.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION AND WEATHER RESISTANT TPU COMPOUND.
 APPLICATION : FOR HIGH PRESSURE WATER CLEANING AND RINSING OF SEWAGE SYSTEMS.

 SEELE : SPEZIELLE PE - MISCHUNG .
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILGEFLECHTE.
 DECKE : ABRIEBFESTE UND WETTERBESTÄNDIGE TPU - MISCHUNG.
 ANWENDUNG : FÜR HOCHDRUCKANWENDUNGEN MIT WASSER UND KANALREINIGUNG.

 SOTTOSTRATO : MESCOLA SPECIALE IN PE
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ
 COPERTURA : MESCOLA SPECIALE IN TPU, RESISTENTE ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI
 IMPIEGO : PER PULIZIA AD ALTA PRESSIONE DELLE FOGNATURE IN CONDIZIONI D'IMPIEGO GRAVOSE.

 TUBE : MELANGE SPECIAL EN PE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : MELANGE EN TPU RESISTANT A L'ABRASION ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR NETTOYAGE DES EGOUTS ET NETTOYAGE INTENSIF A L'EAU SOUS PRESSION ELEVEE.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|------|------|-----|------|-----|------|------|-----|----------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 20.6 | 250 | 3625 | 625 | 9063 | 100 | 200 | Max. 400 |
| 3/4" | 19.2 | 28.6 | 250 | 3625 | 625 | 9063 | 220 | 400 | Max. 350 |
| 1" | 25.4 | 37.2 | 250 | 3625 | 625 | 9063 | 300 | 630 | Max. 250 |
| 1 1/4" | 32 | 46.5 | 250 | 3625 | 625 | 9063 | 350 | 925 | Max. 200 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : Could be assembled with BSP female / male couplings.
 Auf Anfrage : Kann angewendet werden als BSP Temperierkupplungs-Muffe mit Ventil/BSP Steckkupplung.
 Su Richiesta : Potrebbe essere assemblato con raccordi BSP maschio / femmina.
 Sur Demande : Peuvent etre equipés ole raccords mâles / femelles BSP.



-20°C / + 60°C
 - 4°F / +140°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **INK-JET**

SEL TPU KUKA - 250 SEWER JETTING HOSE ** (DN ** mm) W.P. 250 Bar (3625 PSI)



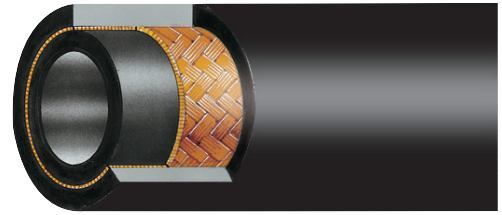
NORMS
 NORMEN
 NORME
 NORMES

ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Sewer Jetting



TUBE : SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : 1 HIGH TENSILE STEEL WIRE BRAID.
 COVER : ABRASION, OIL AND WEATHER RESISTANT SMOOTH, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR HIGH PRESSURE WATER CLEANING AND RINSING OF SEWAGE SYSTEMS.



SEELE : SPEZIELLER SYNTHETISCHER GUMMI.
 EINLAGE : 1 GEFLECHTSEINLAGE AUS HOCHZUGFESTEM STAHLDRAHT.
 DECKE : SPEZIELLER SYNTHETISCHER GUMMI, ABRIEBFEST, GLATT, ÖL- UND WETTERBESTÄNDIG.
 ANWENDUNG : FÜR HOCHDRUCKANWENDUNGEN MIT WASSER UND KANALREINIGUNG.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA.
 RINFORZO : 1 TRECCIA IN ACCIAIO AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA, LISCIA, RESISTENTE ALL'ABRASIONE, OLII ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER PULIZIE AD ALTA PRESSIONE DELLE FOGNATURE IN CONDIZIONI D'IMPIEGO GRAVOSE.



TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE.
 REINFORCEMENT : 1 TRESSE D'ACIER TRES RESISTANTE.
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE, RESISTANT A L'ABRASION, AUX HUILES ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR NETTOYAGE DES EGOUTS ET NETTOYAGE INTENSIF A L'EAU SOUS PRESSION ELEVEE.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|------|------|------|-----|------|-----|------|----|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m | |
| 1/2" | 12.7 | 20.7 | 250 | 3625 | 625 | 9063 | 50 | 420 | max. 240 | |
| 5/8" | 16 | 23.8 | 250 | 3625 | 625 | 9063 | 75 | 485 | max. 240 | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

- Upon Request : Could be assembled with BSP female / male couplings.
- Auf Anfrage : Kann angewendet werden als BSP Temperierkupplungs-Muffe mit Ventil/BSP Steckkupplung.
- Su Richiesta : Potrebbe essere assemblato con raccordi BSP maschio / femmina.
- Sur Demande : Peuvent etre equipés de raccords mâles / femelles BSP.



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE - EMBOSSED OR INK-JET**

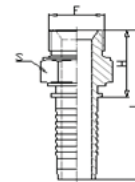
SEL SWB KUKA 250 SEWER JETTING HOSE ** (DN ** mm) W.P. 250 Bar (3625 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



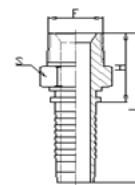
Inserts

| TYPE AGR | | BSP PARALLEL MALE - 60° CONE SEAT | | | | | |
|-------------------|-------------|-----------------------------------|--------|-----------|----------------|------|----|
| SEL Part No | Hose I.D. Ø | | | Thread | Dimensions(mm) | | |
| | DN | Size | Inch | F | H | L | S |
| RKIS3030101200003 | 12 | 08 | 1/2" | 1/2"-14 | 18,5 | 75 | 27 |
| RKIS3030101600006 | 16 | 10 | 5/8" | 1/2"-14 | 18,5 | 75 | 27 |
| RKIS3030101600007 | 16 | 10 | 5/8" | 5/8"-14 | 18,5 | 75 | 30 |
| RKIS3030101900007 | 19 | 12 | 3/4" | 3/4"-14 | 32,5 | 86,5 | 32 |
| RKIS3030101900010 | 19 | 12 | 3/4" | 1"-11 | 34 | 90,5 | 41 |
| RKIS3030102500011 | 25 | 16 | 1" | 1" - 11 | 34 | 101 | 41 |
| RKIS3030103100015 | 32 | 20 | 1 1/4" | 1 1/4"-11 | 38,5 | 113 | 50 |
| RKIS3030103800018 | 38 | 24 | 1 1/2" | 1 1/2"-11 | 40 | 114 | 55 |



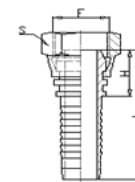
- TB KUKA - 200
- TB KUKA - 250
- TPU KUKA - 200
- TPU KUKA - 250
- SWB KUKA 200
- SWB KUKA 250

| TYPE AGR-K | | BSP TAPER MALE - 60° CONE SEAT | | | | | |
|-------------------|-------------|--------------------------------|--------|-----------|----------------|-------|----|
| SEL Part No | Hose I.D. Ø | | | Thread | Dimensions(mm) | | |
| | DN | Size | Inch | F | H | L | S |
| RKIS3030201200002 | 12 | 08 | 1/2" | 1/2"-14 | 28,5 | 75 | 22 |
| RKIS3030201600001 | 16 | 10 | 5/8" | 1/2"-14 | 28,5 | 75 | 22 |
| RKIS3030201600002 | 16 | 10 | 5/8" | 3/4"-14 | 28,5 | 75 | 27 |
| RKIS3030201900004 | 19 | 12 | 3/4" | 3/4"-14 | 33,5 | 86,5 | 27 |
| RKIS3030202500006 | 25 | 16 | 1" | 1" - 11 | 40 | 105 | 36 |
| RKIS3030203100008 | 32 | 20 | 1 1/4" | 1 1/4"-11 | 49,5 | 123,5 | 46 |
| RKIS3030203800011 | 38 | 24 | 1 1/2" | 1 1/2"-11 | 49 | 130 | 50 |



- TB KUKA - 200
- TB KUKA - 250
- TPU KUKA - 200
- TPU KUKA - 250
- SWB KUKA 200
- SWB KUKA 250

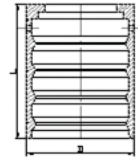
| TYPE DKR | | BSP STRAIGHT FEMALE - 60° CONE SEAT | | | | | |
|-------------------|-------------|-------------------------------------|--------|-----------|----------------|------|----|
| SEL Part No | Hose I.D. Ø | | | Thread | Dimensions(mm) | | |
| | DN | Size | Inch | F | H | L | S |
| RKIS3030501200006 | 12 | 08 | 1/2" | 1/2"-14 | 22,5 | 69,5 | 25 |
| RKIS3030501600013 | 16 | 10 | 5/8" | 1/2"-14 | 22,5 | 72 | 25 |
| RKIS3030501600012 | 16 | 10 | 5/8" | 3/4"-14 | 19,5 | 72,7 | 32 |
| RKIS3030501900016 | 19 | 12 | 3/4" | 3/4"-14 | 33,5 | 86,5 | 27 |
| RKIS3030501900020 | 19 | 12 | 3/4" | 1"-11 | 22,5 | 75,5 | 41 |
| RKIS3030502500022 | 25 | 16 | 1" | 1" - 11 | 22,5 | 87 | 41 |
| RKIS3030503100027 | 32 | 20 | 1 1/4" | 1 1/4"-11 | 26,5 | 99 | 50 |
| RKIS3030503800032 | 38 | 24 | 1 1/2" | 1 1/2"-11 | 39,5 | 104 | 55 |



- TB KUKA - 200
- TB KUKA - 250
- TPU KUKA - 200
- TPU KUKA - 250
- SWB KUKA 200
- SWB KUKA 250

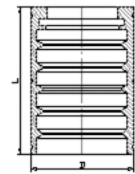
Ferrules

| NO SKIVE | | SWAGED NON SKIVE FERRULE | | | |
|-------------------|-------------|--------------------------|--------|----------------|----|
| SEL Part No | Hose I.D. Ø | | | Dimensions(mm) | |
| | DN | Size | Inch | D | L |
| RKFR1200001200008 | 12 | 08 | 1/2" | 31 | 40 |
| RKFR1200001600007 | 16 | 10 | 5/8" | 32,5 | 44 |
| RKFR1200001900005 | 19 | 12 | 3/4" | 38,5 | 50 |
| RKFR1200001900006 | 19 | 12 | 3/4" | 43 | 50 |
| RKFR1200002500008 | 25 | 16 | 1" | 47 | 60 |
| RKFR1200003100004 | 32 | 20 | 1 1/4" | 58 | 70 |
| RKFR1200003800005 | 38 | 24 | 1 1/2" | 64 | 70 |



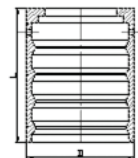
- TB KUKA - 200
- TB KUKA - 250

| NO SKIVE | | SWAGED NON SKIVE FERRULE | | | |
|-------------------|-------------|--------------------------|------|----------------|----|
| SEL Part No | Hose I.D. Ø | | | Dimensions(mm) | |
| | DN | Size | Inch | D | L |
| RKFR1200001200011 | 12 | 08 | 1/2" | 28 | 40 |
| RKFR1200001600009 | 16 | 10 | 5/8" | 32,5 | 44 |



- SWB KUKA - 200
- SWB KUKA - 250

| NO SKIVE | | SWAGED NON SKIVE FERRULE | | | |
|-------------------|-------------|--------------------------|--------|----------------|----|
| SEL Part No | Hose I.D. Ø | | | Dimensions(mm) | |
| | DN | Size | Inch | D | L |
| RKFR1200001200017 | 12 | 08 | 1/2" | 30 | 40 |
| RKFR1200001900010 | 19 | 12 | 3/4" | 37 | 50 |
| RKFR1200002500012 | 25 | 16 | 1" | 46 | 60 |
| RKFR1200003100007 | 32 | 20 | 1 1/4" | 56 | 70 |



- TPU KUKA - 200
- TPU KUKA - 250

Sweeper Hose



TUBE : ABRASION RESISTANT NATURAL RUBBER.
 REINFORCEMENT : SPECIAL SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : USED ON STREET CLEANING MACHINES. EXTREMELY FLEXIBLE.







SEELE : HOCH ABRIEBFEST, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : FLEXIBLER SCHLAUCH FÜR DEN EINSATZ AUF STRASSENREINIGUNGSFAHRZEUGEN.



SOTTOSTRATO : GOMMA NATURALE RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : UTILIZZATI SULLE MACCHINE PER LA PULIZIA STRADALE. MOLTO FLESSIBILE.



TUBE : CAOUTCHOUC NATUREL, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE SPECIALE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR NETTOYAGE DES RUES PAR LES BALAYEUSES ASPIRATRICES, EXTREMEMENT FLEXIBLE.

|  ID | |  BR/r |  W |  L |
|--|-------|--|---|---|
| inch | mm | mm | g/m | m |
| 6" | 152.4 | 150 | 3400 | 1 - 3 |
| | 180 | 180 | 3500 | 1 - 3 |
| 8" | 203 | 200 | 4300 | 1 - 3 |
| | 219 | 220 | 5100 | 1 - 3 |
| 10" | 254 | 250 | 5900 | 1 - 3 |
| | 273 | 270 | 6500 | 1 - 3 |
| 12" | 304.8 | 300 | 7000 | 1 - 3 |
| 14" | 355.6 | 350 | 10000 | 1 - 3 |


Notes on Ordering : Clarify length of the hose & couplings.
 Bemerkungen zum Auftrag : Die Länge des Schlauches und der Muffen muss angegeben werden.
 Note Ordini : Specificare la lunghezza del tubo e del manicotto.
 Precisions Necessaires : Preciser la longueur du tuyau et de la manchette.



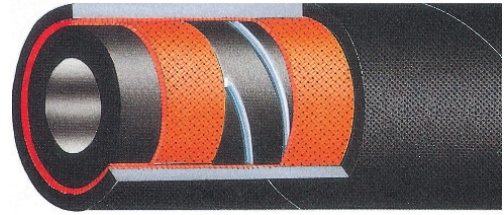
-25°C / + 70°C
 -13°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|---|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|---|

Vacuum Truck Hose



TUBE : OIL AND ABRASION RESISTANT BLACK ANTISTATIC NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL HELIX WIRE.
 COVER : OIL, ABRASION, OZONE AND WEATHER RESISTANT ANTISTATIC CR WITH CUFFED ENDS.
 APPLICATION : FOR SUCTION AND CLEANING OF SEWAGE SYSTEMS.



SEELE : ÖL- UND ABRIEBFESTER, SCHWARZER ANTISTATISCHER NBR.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE ANTISTATISCHE EINLAGE MIT STAHLDRAHTEINLAGE.
 DECKE : ABRIEB-, ÖL-, OZON- UND WITTERUNGBESTÄNDIGER CR GUMMI MIT MUFFEN.
 ANWENDUNG : SAUGSCHLAUCH GEEIGNET FÜR KANALREINIGUNG.



SOTTOSTRATO : GOMMA ANTISTATICA NBR, NERA, RESISTENTE AGLI OLI E ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E SPIRALE D'ACCIAIO INCORPORATA.
 COPERTURA : GOMMA ANTISTATICA IN CR, ONDULATA CON MANICOTTI, RESISTENTE ALL'ABRASIONE, AGLI OLI, A L'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E PULIZIA DI ACQUA, NELL'INDUSTRIA, NEI POZZI NERI E FOGNATURE.



TUBE : CAOUTCHOUC CONDUCTEUR NBR, NOIR, RESISTANT AUX HUILES ET A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC CONDUCTEUR CR, ONDULE AVEC MANCHETTE SOUPLE, RESISTANT A L'ABRASION, A L'OZONE, AUX HUILES ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET NETTOYAGE DES EGOUTS.

| ID | | OD | | Cuffed End Length(cm) | | WP | | BP | | VACUUM | BR/r | W | L |
|------|-------|-----|-----|-----------------------|-----|-----|-----|-------|-----|--------|------|---|---|
| inch | mm | mm | | bar | psi | bar | psi | bar | mm | g/m | m | | |
| 4" | 101.6 | 117 | 120 | 6 | 87 | 15 | 217 | -0.92 | 300 | 4725 | 20 | | |
| 5" | 127 | 146 | 150 | 6 | 87 | 15 | 217 | -0.92 | 350 | 6950 | 20 | | |
| 6" | 152.4 | 170 | 150 | 6 | 87 | 15 | 217 | -0.92 | 400 | 8925 | 20 | | |



-35°C / +100°C
 -31°F / +212°F

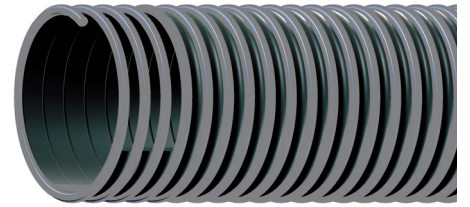
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Superelastic Medium Duty Suction&Delivery



CORRUGATED EXTERNAL HELIX (-30 °C)



CONSTRUCTION : STRONG, FLEXIBLE AND SMOOTH SPECIAL SUPERELASTIC MATERIAL.
SHOCK RESISTANT PVC SPIRAL.
APPLICATION : CRUSHING, CHEMICAL AGENTS, ABRASION AND WEATHER RESISTANT, CORRUGATED SLIDING OUTSIDE.
FOR MEDIUM DUTY SUCTION AND DELIVERY OF WATER, SALT WATER, LIGHT CHEMICALS, LIQUIDS ETC. IN AGRICULTURAL, INDUSTRIAL APPLICATIONS CONSTRUCTIONS, SEWER PURGING, SLUDGE, SLURRIES, WASTE MATTER, SAND AND GRAVEL, ETC. ESPECIALLY FOR USE IN VERY COLD CLIMATES.



KONSTRUKTION : STABILER, HOCHFLEXIBLER, GLATTER, KÄLTERESISTENTER, SUPER ELASTISCHER, PLASTIFIZIERTER PVC.
MIT VERSTÄRKUNGSSPIRALE AUS SCHLAG-UND DRUCKFESTEM PVC.
ANWENDUNG : ÄUSSERST STRAPAZIERFÄHIG UND BIEGSAM, DRUCK-UND ABRIEBFEST, WITTERUNGS-UND CHEMIKALIENBESTÄNDIG, GEWELLTE GLEITEND AUSSENDECKE.
FÜR LEICHTE ANWENDUNGEN ZUR BE-UND ENTLADEN VON WASSER, SALZWASSER, LEICHTE CHEMIKALIEN, ABRASIVEN MEDIEN USW; FÜR LANDWIRTSCHAFT, INDUSTRIEN, BAUWERKE, IM HAUSHALT UND IN KANALISATIONEN, SPEZIELL ZUR VERWENDUNG IN EXTREM KALTEN GEBIETEN.



COSTRUZIONE : TUBO LISCI, LEGGERO E FLESSIBILE IN MATERIALE SPECIALE SUPERELASTICO.
SPIRALE DI RINFORZO IN PVC RIGIDO ANTI URTO E ANTISCHIACCIAMENTO.
IMPIEGO : ESTERNA ONDULATA, SCORREVOLE, RESISTENTE A CARICHI, ABRASIONE E AGENTI ATMOSFERICI ED A VARI PRODOTTI CHIMICI.
PER IMPIEGO MEDIO DI ASPIRAZIONE E MANDATA DI ACQUE, PRODOTTI CHIMICI LEGGERI, LIQUIDI A USO DOMESTICO, EDILIZIA, INDUSTRIA SPURGHII, AGRICOLTURA, SOLIDI ABRASIVI, SPECIALMENTE PER USO NEI CLIMI MOLTO FREDDI.



CONSTRUCTION : TUYAU LISSE ET FLEXIBLE EN MATIERE SPECIALE SUPERELASTIC.
SPIRE EN PVC RIGIDE ANTICHOC.
APPLICATION : SURFACE ONDULEE, GLISSANTE, RESISTANTE A L'ABRASION, LES AGENTS ATMOSPHERIQUES, ECRASEMENT ET LA PLUPART DES PRODUITS CHIMIQUES.
ASPIRATION ET REFOULEMENT D'EAU PURE, SALEE, CHARGEE DES SOLUTIONS CHIMIQUES LEGERES.SABLE, GRAVIER, DES EAUX CHARGEES ETC.
EN USAGES PEU SEVERES DANS L'AGRICULTURE, INDUSTRIE ET CONSTRUCTION. EN PARTICULIER DANS L'USAGE DES CLIMATS TRES FROIDS.

| ID | | BP | | VACUUM | BR/r | W | L |
|---------|-----|-----|-----|--------------------|------|------|-------|
| inch | mm | bar | psi | m/H ₂ O | mm | g/m | m |
| 3/4" | 19 | 17 | 247 | 9 | 105 | 360 | 30/50 |
| 1" | 25 | 17 | 247 | 9 | 115 | 480 | 30/50 |
| | 30 | 15 | 218 | 9 | 120 | 550 | 30/50 |
| 1 1/4" | 32 | 14 | 203 | 9 | 125 | 580 | 30/50 |
| | 35 | 13 | 189 | 9 | 130 | 640 | 30/50 |
| 1 1/2" | 38 | 13 | 189 | 9 | 140 | 670 | 30/50 |
| | 40 | 12 | 174 | 9 | 155 | 700 | 30/50 |
| | 45 | 12 | 174 | 9 | 170 | 870 | 30/50 |
| 2" | 51 | 12 | 174 | 9 | 185 | 975 | 30/50 |
| | 55 | 12 | 174 | 9 | 200 | 1080 | 30/50 |
| | 60 | 12 | 174 | 9 | 220 | 1250 | 30/50 |
| 2 1/2 " | 63 | 11 | 160 | 9 | 240 | 1350 | 30/50 |
| | 70 | 9 | 131 | 9 | 250 | 1580 | 30/50 |
| 3" | 76 | 9 | 131 | 9 | 275 | 1700 | 30/50 |
| | 80 | 9 | 131 | 9 | 285 | 1800 | 20/30 |
| | 90 | 7 | 102 | 8 | 330 | 2100 | 20/30 |
| 4" | 102 | 7 | 102 | 8 | 365 | 2600 | 20/30 |
| | 110 | 7 | 102 | 8 | 415 | 2900 | 20/30 |
| | 120 | 7 | 102 | 7 | 490 | 3200 | 20/30 |
| 5" | 127 | 6 | 87 | 7 | 510 | 3650 | 20/30 |
| 6" | 152 | 6 | 87 | 7 | 605 | 5100 | 20/30 |
| 8" | 203 | 4 | 58 | 6 | 810 | 7850 | 10 |



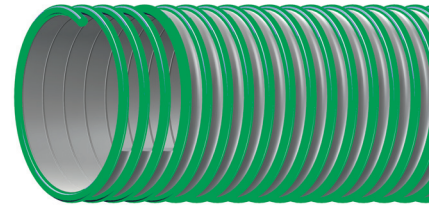
- 30 °C / + 50 °C
- 22 °F / +122 °F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **INK-JET**

SEL LAGINA C ** mm (month/year)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Superelastic Medium Duty Suction&Delivery



CORRUGATED EXTERNAL HELIX (-40 °C)



CONSTRUCTION : STRONG, FLEXIBLE AND SMOOTH SPECIAL SUPERELASTIC MATERIAL.
SHOCK RESISTANT PVC SPIRAL.
APPLICATION : CRUSHING, CHEMICAL AGENTS, ABRASION AND WEATHER RESISTANT, CORRUGATED SLIDING OUTSIDE.
FOR MEDIUM DUTY SUCTION AND DELIVERY OF WATER, SALT WATER, LIGHT CHEMICALS, LIQUIDS ETC. IN AGRICULTURAL, INDUSTRIAL APPLICATIONS CONSTRUCTIONS, SEWER PURGING, SLUDGE, SLURRIES, WASTE MATTER, SAND AND GRAVEL, ETC. ESPECIALLY FOR USE IN EXTREMELY COLD CLIMATES.



KONSTRUKTION : STABILER, HOCHFLEXIBLER, GLATTER, KÄLTERESISTENTER, SUPER ELASTISCHER, PLASTIFIZIERTER PVC.
MIT VERSTÄRKUNGSSPIRALE AUS SCHLAG-UND DRUCKFESTEM PVC.
ANWENDUNG : ÄUSSERST STRAPAZIERFÄHIG UND BIEGSAM, DRUCK-UND ABRIEFEST, WITTERUNGS-UND CHEMIKALIENBESTÄNDIG, GEWELLTE GLEITENDE AUSSENDECKE.
FÜR LEICHTE ANWENDUNGEN ZUM BE-UND ENTLADEN VON WASSER, SALZWASSER, LEICHTE CHEMIKALIEN, ABRASIVEN MEDIEN USW; FÜR LANDWIRTSCHAFT, INDUSTRIEN, BAUWERKE, IM HAUSHALT UND IN KANALISATIONEN, SPEZIELL ZUR VERWENDUNG IN EXTREM KALTEN GEBIETEN.



COSTRUZIONE : TUBO LISCI, LEGGERO E FLESSIBILE IN MATERIALE SPECIALE SUPERELASTICO.
SPIRALE DI RINFORZO IN PVC RIGIDO ANTI URTO E ANTISCHIACCIAMENTO.
IMPIEGO : ESTERNA ONDULATA, SCORREVOLE, RESISTENTE A CARICHI, ABRASIONE E AGENTI ATMOSFERICI ED A VARI PRODOTTI CHIMICI.
PER IMPIEGO MEDIO DI ASPIRAZIONE E MANDATA DI ACQUE, PRODOTTI CHIMICI LEGGERI, LIQUIDI A USO DOMESTICO, EDILIZIA, INDUSTRIA SPURGH, AGRICOLTURA, SOLIDI ABRASIVI, SPECIALMENTE PER USO NEI CLIMI ESTRAMAMENTE FREDDI.



CONSTRUCTION : TUYAU LISSE ET FLEXIBLE EN MATIERE SPECIALE SUPERELASTIC.
SPIRE EN PVC RIGIDE ANTICHOC.
APPLICATION : SURFACE ONDULEE, GLISSANTE, RESISTANTE A L'ABRASION, LES AGENTS ATMOSPERIQUES, ECRASEMENT ET LA PLUPART DES PRODUITS CHIMIQUES.
ASPIRATION ET REFOULEMENT D'EAU PURE, SALEE, CHARGEE DES SOLUTIONS CHIMIQUES LEGERES, SABLE, GRAVIER, DES EAUX CHARGES ETC. EN USAGES PEU SEVERES DANS L'AGRICULTURE, INDUSTRIE ET CONSTRUCTION. EN PARTICULIER DANS L'USAGE DES CLIMATS EXTREMEMENT FROIDS.

| ID | | BP | | VACUUM | BR/r | W | L |
|---------|-----|-----|-----|--------------------|------|------|-------|
| inch | mm | bar | psi | m/H ₂ O | mm | g/m | m |
| 3/4" | 19 | 16 | 232 | 9 | 100 | 360 | 30/50 |
| 1" | 25 | 16 | 232 | 9 | 110 | 480 | 30/50 |
| | 30 | 14 | 203 | 9 | 115 | 550 | 30/50 |
| 1 1/4" | 32 | 13 | 189 | 9 | 120 | 580 | 30/50 |
| | 35 | 12 | 174 | 9 | 125 | 640 | 30/50 |
| 1 1/2" | 38 | 12 | 174 | 9 | 140 | 670 | 30/50 |
| | 40 | 11 | 160 | 9 | 150 | 700 | 30/50 |
| | 45 | 11 | 160 | 9 | 160 | 870 | 30/50 |
| 2" | 51 | 11 | 160 | 9 | 170 | 975 | 30/50 |
| | 55 | 11 | 160 | 9 | 180 | 1080 | 30/50 |
| | 60 | 11 | 160 | 9 | 190 | 1250 | 30/50 |
| 2 1/2 " | 63 | 10 | 145 | 9 | 210 | 1350 | 30/50 |
| | 70 | 8 | 116 | 9 | 220 | 1580 | 30/50 |
| 3" | 76 | 8 | 116 | 9 | 240 | 1700 | 30/50 |
| | 80 | 8 | 116 | 9 | 250 | 1800 | 20/30 |
| | 90 | 7 | 102 | 8 | 290 | 2100 | 20/30 |
| 4" | 102 | 7 | 102 | 8 | 320 | 2600 | 20/30 |
| | 110 | 7 | 102 | 8 | 380 | 2900 | 20/30 |
| | 120 | 7 | 102 | 7 | 480 | 3200 | 20/30 |
| 5" | 127 | 6 | 87 | 7 | 500 | 3650 | 20/30 |
| 6" | 152 | 6 | 87 | 7 | 600 | 5100 | 20/30 |
| 8" | 203 | 4 | 58 | 6 | 800 | 7850 | 10 |



MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **INK-JET**

SEL KNIDOS C ** mm (month/year) → → →

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

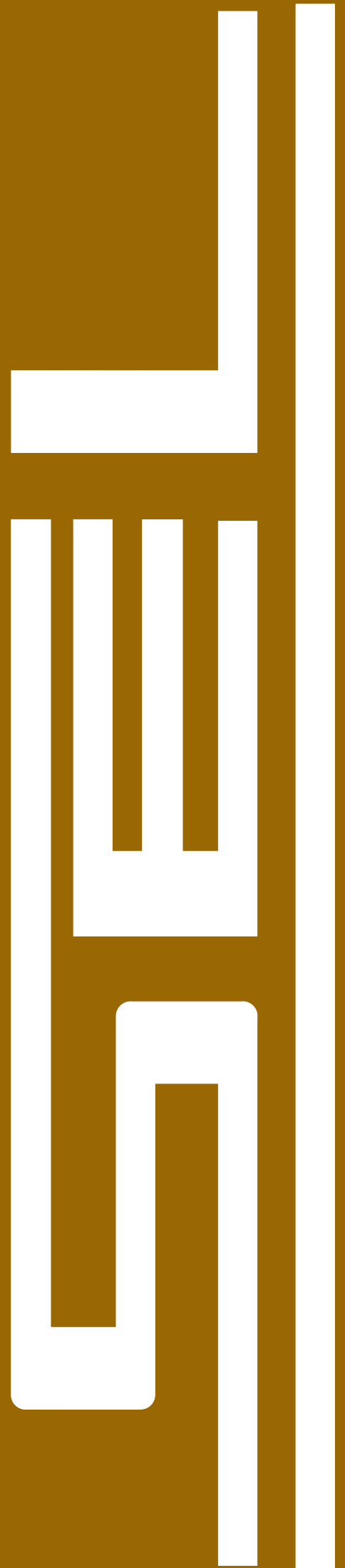


Fire Fighting

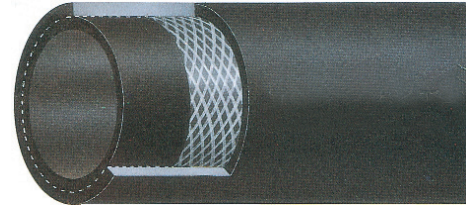
Feuerwehrschräuche


Antincendio


Lutte contre l'incendie





Fire Extinguisher



 TUBE : SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : OZONE, ABRASION, AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR FIRE EXTINGUISHERS.

 SEELE : SPEZIELLER SYNTHETISCHER GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : OZON-, ABRIB- UND WETTERBESTÄNDIGER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : ALS FEUERLÖSCHERSCHLAUCH.

 SOTTOSTRATO : GOMMA SPECIALE SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER L'ESTINTORI.


 TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE, RESISTANT A L'OZONE, A L'ABRASION, ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LES EXTINCTEURS D'INCENDIE.

| ID | | OD | WP | | BP | | W | L |
|------|----|----|-----|-----|-----|------|-----|-----|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/8" | 10 | 16 | 20 | 290 | 70 | 1015 | 150 | >10 |
| 1/2" | 13 | 21 | 20 | 290 | 70 | 1015 | 250 | >10 |
| 5/8" | 16 | 25 | 20 | 290 | 70 | 1015 | 350 | >10 |



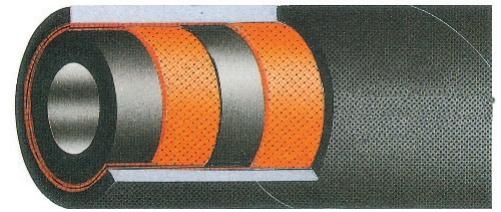
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL GHOST FIRE EXTINGUISHER HOSE 2 MPa (20 BAR) (mm) (YEAR)**

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|--|

Fire Fighting Hose

EN 1947:2002-1/ CAT.I TYPE A-CLASS 1



TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : FLAME, ABRASION, WEATHER AND OZONE RESISTANT SYNTHETIC RUBBER.
 APPLICATION : FOR FIRE FIGHTING VEHICLES.



SEELE : NATUR UND SYNTHETISCHER KAUSCHUK.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEBFESTER, WETTER- UND OZONBESTÄNDIGER, FLAMMWIDRIGER, SYNTHETISCHER GUMMI.
 ANWENDUNG : FÜR FEUERWEHRFAHRZEUGE.



SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ
 COPERTURA : GOMMA SINTETICA RESISTENTE ALLA FIAMMA, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER I VEICOLI ANTINCENDIO



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A LA FLAMME, A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : SUR LES ENROULEURS DES VEHICULES DE PROTECTION D'INCENDIE.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|------|----|-----|-----|-----|-----|------|-----|----------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 21 | 15 | 218 | 45 | 623 | 120 | 305 | 40-46-61 |
| 3/4" | 19 | 32 | 15 | 218 | 45 | 623 | 190 | 710 | 40-46-61 |
| 1" | 25.4 | 38 | 15 | 218 | 45 | 623 | 200 | 850 | 40-46-61 |
| 1 1/4" | 32 | 44 | 15 | 218 | 45 | 623 | 280 | 960 | 40-46-61 |



-20°C / + 70°C
 - 4°F / +158°F



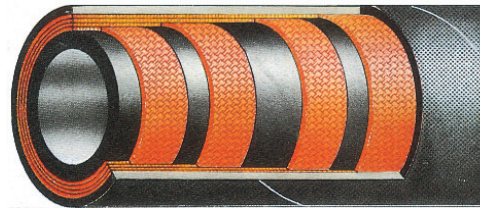
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL MILAS - 15 FIRE FIGHTING HOSE / TS EN 1947:2002 -1- A -1 W.P. 15 Bar (218 PSI)

| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 1947+A1 EN 1947+A1 CAT.I/TYPE A/CLASS 1 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|

Fire Fighting Hose

EN 1947:2002-1/ CAT.II TYPE C-CLASS 1



TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : FLAME, ABRASION, WEATHER AND OZONE RESISTANT SYNTHETIC RUBBER.
 APPLICATION : FOR FIRE FIGHTING VEHICLES.



SEELE : NATUR UND SYNTHETISCHER KAUSCHUK.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEBFESTER, WETTER- UND OZONBESTÄNDIGER, FLAMMWIDRIGER, SYNTHETISCHER GUMMI.
 ANWENDUNG : FÜR FEUERWEHRFAHRZEUGE.



SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALLA FIAMMA, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER I VEICOLI ANTINCENDIO.



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A LA FLAMME A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : SUR LES ENROULEURS DES VEHICULES DE PROTECTION D'INCENDIE.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|------|------|-----|-----|-----|------|------|-----|----------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 21.5 | 40 | 580 | 120 | 1740 | 120 | 315 | 40-46-61 |
| 3/4" | 19 | 32.5 | 40 | 580 | 120 | 1740 | 190 | 715 | 40-46-61 |
| 1" | 25.4 | 39 | 40 | 580 | 120 | 1740 | 200 | 870 | 40-46-61 |
| 1 1/4" | 32 | 45 | 40 | 580 | 120 | 1740 | 280 | 975 | 40-46-61 |



-20°C / + 70°C
 - 4°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL MILAS - 40 FIRE FIGHTING HOSE / TS EN 1947:2002 -2- C - 1 W.P. 40 Bar (580 PSI)

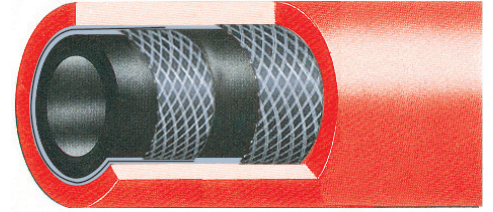
NORMS
 NORMEN
 NORME
 NORMES

TS EN 1947+A1 EN 1947+A1
 CAT.II/TYPE C/CLASS 1
 ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Thermorub® Fire Reel



TUBE : SPECIAL THERMORUB COMPOUND.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, HEAT AND WEATHER RESISTANT THERMORUB COMPOUND.
 APPLICATION : FOR FIRE FIGHTING APPLICATIONS IN FIRE REELS.



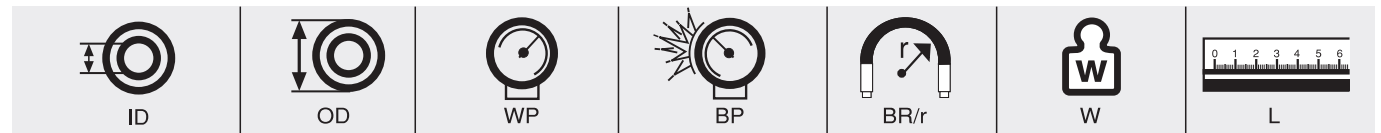
SEELE : SPEZIELLE SYNTHETISCHE THERMORUB MISCHUNG.
 EINLAGEN : HOCHFESTES SYNTHETISCHES TEXTILGEWEBE.
 DECKE : ABRIEBFESTE, HITZE-UND WITTERUNGSBESTÄNDIGE, SPEZIELLE THERMORUB MISCHUNG.
 ANWENDUNG : GEEIGNET FÜR FEUERLÖSCHGERÄTE UND HASPELSCHLAUCH.



SOTTOSTRATO : MESCOLA SPECIALE IN THERMORUB.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : MESCOLA THERMORUB RESISTENTE ALL ABRASIONE, OZONO, AGENTI ATMOSFERICI ED ALLE SUPERFICI CALDE.
 IMPIEGO : TUBO ANTINCENDIO PER INSTALLAZIONI FISSE.



TUBE : TUYAU LISSE EN MATIERE SPECIALE THERMORUB.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : MATIERE SPECIALE THERMORUB RESISTANTE A L'ABRASION, A LA FLAMME ET LES AGENTS ATMOSPHERIQUES.
 APPLICATION : LUTTE CONTRE L'INCENDIE, POUR LES INSTALLATIONS FIXES.



CODE: TBY71

| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
|--------|----|----|-----|-----|-----|-----|-----|-----|--------|
| 3/4" | 19 | 26 | 12 | 174 | 42 | 609 | 230 | 385 | 20-100 |
| 1" | 25 | 33 | 12 | 174 | 42 | 609 | 300 | 565 | 20-100 |
| 1 1/4" | 33 | 43 | 7 | 102 | 25 | 363 | 385 | 910 | 20-60 |

CODE: TBY72

| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
|------|------|----|-----|-----|-----|------|-----|-----|--------|
| 1/2" | 12,5 | 19 | 20 | 290 | 70 | 1015 | 200 | 235 | 20-100 |
| 3/4" | 19 | 26 | 20 | 290 | 70 | 1015 | 230 | 380 | 20-100 |
| 1" | 25 | 33 | 20 | 290 | 70 | 1015 | 300 | 560 | 20-70 |



- 5 °C / + 60 °C
 +23 °F / +140 °F

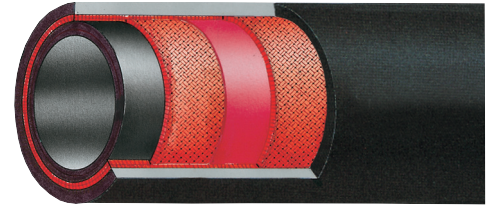



MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **INK-JET**


SEL EN 694 - ** mm - ** MPa (** bar) - quarter / year - KIWA → → →


| | | | |
|------------------------------------|----------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | EN 694 ISO 1307 KIWA | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------------------------|---------------------------------------|--|


Textile Braided CO₂



 TUBE : CO₂ RESISTANT SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : OIL, ABRASION, AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR HIGH PRESSURE TRANSFER OF CO₂.

 SEELE : SPEZIELLER SYNTHETISCHER GUMMI, BESTÄNDIG GEGEN CO₂.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ÖL-, ABRIB- UND WETTERBESTÄNDIGER; SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : ZUM BEFÖRDERN VON CO₂ UNTER HOCHDRUCK.

 SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AL CO₂.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE, ALL'OLIO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER IL TRASFERIMENTO DI CO₂ AD ALTA PRESSIONE.


 TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE, RESISTANT AU CO₂.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE, RESISTANT AUX HUILES, A L'ABRASION, ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LE TRANSFERT DU CO₂ A HAUTE PRESSION.

| ID | | OD | WP | | BP | | W | L |
|--------|-----|----|-----|------|-----|------|-----|-----|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 9/32" | 7 | 18 | 100 | 1450 | 400 | 5800 | 270 | >10 |
| 19/64" | 7.5 | 18 | 100 | 1450 | 400 | 5800 | 260 | >10 |
| 5/16" | 8 | 17 | 100 | 1450 | 400 | 5800 | 220 | >10 |

 -25°C / + 70°C
 -13°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED**

SEL FUMO CO₂ HOSE 10 MPa (100 BAR) (mm) (YEAR)**

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|--|

Air - Gas

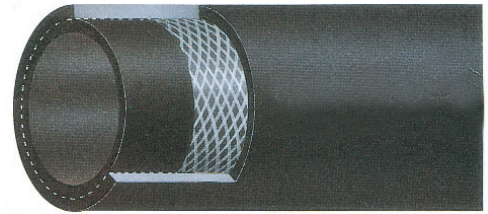
Luft- Gas

Aria- Gas


Air - Gaz





Light Duty Air



 TUBE : OIL-MIST RESISTANT NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT SMOOTH NATURAL AND SYNTHETIC RUBBER.
 APPLICATION : FOR PNEUMATIC EQUIPMENT AND TOOLS.

 SEELE : ÖLBESTÄNDIGER NATUR- UND SYNTHETISCHER GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEB-, OZON- UND WETTERBESTÄNDIGER SYNTHETISCHER GUMMI, GLATT.
 ANWENDUNG : FÜR PNEUMATISCHE WERKZEUGE UND BAUGERÄTE.

 SOTTOSTRATO : GOMMA NATURALE E SINTETICA RESISTENTE ALL'OLIO NEBULIZZATO.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SINTETICA LISCIA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI .
 IMPIEGO : MANDATA D'ARIA COMPRESSA PER COMPRESSORI ED UTENSILI PNEUMATICI.

 TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE RESISTANT AUX PROJECTIONS D'HUILE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC NATUREL ET SYNTHETIQUE LISSE RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR L'AIR COMPRI ME LUBRIFIE ET LES EQUIPEMENTS PNEUMATIQUES.



| ID | | OD | WP | | BP | | W | L |
|-------|-----|----|-----|-----|-----|-----|-----|-----|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/16" | 4,5 | 10 | 10 | 145 | 40 | 580 | 100 | 100 |
| 1/4" | 6 | 11 | 10 | 145 | 40 | 580 | 105 | 100 |
| 5/16" | 8 | 14 | 10 | 145 | 40 | 580 | 160 | 100 |
| 3/8" | 10 | 16 | 10 | 145 | 40 | 580 | 190 | 100 |
| 1/2" | 13 | 19 | 10 | 145 | 40 | 580 | 235 | 100 |
| 5/8" | 16 | 23 | 10 | 145 | 40 | 580 | 335 | 100 |
| 3/4" | 19 | 27 | 10 | 145 | 40 | 580 | 440 | 100 |
| 1" | 25 | 34 | 10 | 145 | 40 | 580 | 635 | 100 |



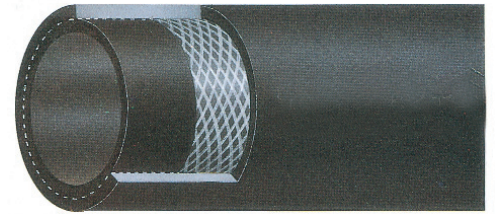
-25°C / + 70°C
 -13°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL LONG-KOMP LIGHT DUTY AIR HOSE (** mm) 1.0 MPA (10 BAR) (YEAR)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |   |
|------------------------------------|----------|---------------------------------------|--|

Medium Duty Air



TUBE : OIL-MIST RESISTANT NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT SMOOTH NATURAL AND SYNTHETIC RUBBER.
 APPLICATION : MEDIUM DUTY SERVICE FOR AIR AND PNEUMATIC TOOLS SPECIALLY IN MINES, QUARRIES AND CONSTRUCTIONS.



SEELE : ÖLNEBELBESTÄNDIGER NATUR- UND SYNTHETISCHER GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIB- OZON- UND WETTERBESTÄNDIGER SYNTHETISCHER GUMMI, GLATT.
 ANWENDUNG : IM MITTLEREN DRUCKBEREICH FÜR LUFT UND PNEUMATISCH OPERIERENDE MASCHINEN SPEZIELL IN MINEN UND BAUBRANCHE.



SOTTOSTRATO : GOMMA NATURALE E SINTETICA RESISTENTE ALL'OLIO NEBULIZZATO.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA NATURALE E SINTETICA LISCIA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : MANDATA D'ARIA COMPRESSA PER COMPRESSORI, NELLE MINIERE, CAVE E COSTRUZIONE.



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE RESISTANT AUX PROJECTIONS D'HUILE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC NATUREL ET SYNTHETIQUE LISSE RESISTANT A L'ABRASION, A L'OZONO ET AUX AGENTS ATMOSPERIQUES.
 APPLICATION : POUR AIR ET EQUIPEMENTS PNEUMATIQUES EN PARTICULIER DANS L'INDUSTRIE MINIERE, ET LA CONSTRUCTION.

| ID | | OD | WP | | BP | | W | L |
|-------|----|----|-----|-----|-----|-----|------|-----|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/4" | 6 | 13 | 20 | 290 | 64 | 928 | 160 | 100 |
| 5/16" | 8 | 15 | 20 | 290 | 64 | 928 | 195 | 100 |
| 3/8" | 10 | 18 | 20 | 290 | 64 | 928 | 270 | 100 |
| 1/2" | 13 | 22 | 20 | 290 | 64 | 928 | 395 | 100 |
| 5/8" | 16 | 25 | 20 | 290 | 64 | 928 | 450 | 100 |
| 3/4" | 19 | 29 | 20 | 290 | 64 | 928 | 585 | 100 |
| 1" | 25 | 37 | 20 | 290 | 64 | 928 | 1890 | 100 |



-25°C / + 70°C
 -13°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL LONG-KOMP MEDIUM DUTY AIR (** mm) 2.0 MPA (20 BAR) (YEAR)

NORMS
 NORMEN
 NORME
 NORMES

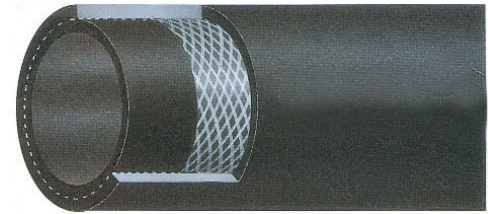
ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Medium Duty Air

ANTISTATIC



TUBE : OIL-MIST RESISTANT NATURAL AND SYNTHETIC ANTISTATIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT SMOOTH NATURAL AND SYNTHETIC RUBBER.
 APPLICATION : MEDIUM DUTY SERVICE FOR AIR AND PNEUMATIC TOOLS SPECIALLY IN MINES, QUARRIES AND CONSTRUCTIONS.



SEELE : ÖLNEBELBESTÄNDIGER NATUR- UND SYNTHETISCHER ANTISTATISCHER GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEB- OZON- UND WETTERBESTÄNDIGER SYNTHETISCHER GUMMI, GLATT.
 ANWENDUNG : IM MITTLEREN DRUCKBEREICH FÜR LUFT UND PNEUMATISCH OPERIERENDE MASCHINEN SPEZIELL IN MINEN UND BAUBRANCHE.



SOTTOSTRATO : GOMMA ANTISTATICA, NATURALE E SINTETICA RESISTENTE ALL'OLIO NEBULIZZATO.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA NATURALE E SINTETICA LISCIA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : MANDATA D'ARIA COMPRESSA PER COMPRESSORI, NELLE MINIERE, CAVE E COSTRUZIONE.



TUBE : CAOUTCHOUC ANTISTATIQUE, NATUREL ET SYNTHETIQUE RESISTANT AUX PROJECTIONS D'HUILE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC NATUREL ET SYNTHETIQUE LISSE RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR AIR ET EQUIPEMENTS PNEUMATIQUES EN PARTICULIER DANS L'INDUSTRIE MINIERE, ET LA CONSTRUCTION.

| ID | | OD | WP | | BP | | W | L |
|-------|----|----|-----|-----|-----|-----|-----|-----|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/4" | 6 | 12 | 20 | 290 | 60 | 870 | 125 | 100 |
| 5/16" | 8 | 15 | 20 | 290 | 60 | 870 | 185 | 100 |
| 3/8" | 10 | 17 | 20 | 290 | 60 | 870 | 215 | 100 |
| 1/2" | 13 | 21 | 20 | 290 | 60 | 870 | 305 | 100 |
| 5/8" | 16 | 25 | 20 | 290 | 60 | 870 | 415 | 100 |
| 3/4" | 19 | 29 | 20 | 290 | 60 | 870 | 530 | 100 |
| 1" | 25 | 36 | 20 | 290 | 60 | 870 | 750 | 100 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

- Upon Request : Antistatic cover
- Auf Anfrage : Antistatisch decke
- Su Richiesta : Copertura antistatico
- Sur Demande : Revetement antistatique

: ≤1x 10⁶ Ω/m



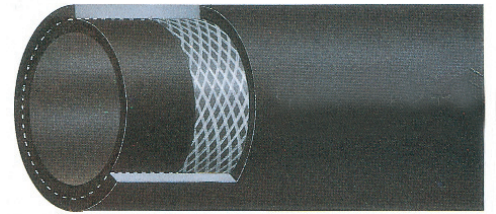
-25°C / + 70°C
 -13°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL LONG-KOMP A/S MEDIUM DUTY AIR (mm) 2.0 MPA (20 BAR) (YEAR)**

| | | | | |
|------------------------------------|----------|---------------------------------------|--|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | | |
|------------------------------------|----------|---------------------------------------|--|--|

Multipurpose



TUBE : SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT SMOOTH SPECIAL SYNTHETIC RUBBER.
 APPLICATION : TO CONVEY AIR, OIL, COLD / HOT WATER.



SEELE : SPEZIELLER SYNTHETISCHER GUMMI.
 EINLAGE : HOCHZUGFESTE TEXTILEINLAGE.
 DECKE : ABRIEB- OZON- UND WETTERBESTÄNDIGER SYNTHETISCHER GUMMI, GLATT.
 ANWENDUNG : ZUR BEFÖRDERUNG VON LUFT; ÖL; HEISS- UND KALTWASSER.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : LISCIA IN GOMMA SPECIALE SINTETICA RESISTENTE ALL' ABRASIONE, AL CALORE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER PASSAGGIO D'ARIA, OLIO, ACQUA CALDA / FREDDA.



TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, LISSE RESISTANT A L'ABRASION, A L'OZONE, LA CHALEUR ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR TRANSFERT D'AIR, D'HUILE, D'EAU FROIDE / CHAUDE.

| ID | | OD | WP | | BP | | W | L |
|-------|----|----|-----|-----|-----|-----|-----|-----|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/4" | 6 | 11 | 10 | 145 | 30 | 435 | 80 | 100 |
| 5/16" | 8 | 14 | 10 | 145 | 30 | 435 | 20 | 100 |
| 3/8" | 10 | 16 | 10 | 145 | 30 | 435 | 145 | 100 |
| 1/2" | 13 | 20 | 10 | 145 | 30 | 435 | 215 | 100 |
| 5/8" | 16 | 23 | 10 | 145 | 30 | 435 | 255 | 100 |
| 3/4" | 19 | 27 | 10 | 145 | 30 | 435 | 340 | 100 |
| 1" | 25 | 34 | 10 | 145 | 30 | 435 | 490 | 100 |

| inch | mm | mm | bar | psi | bar | psi | g/m | m |
|-------|----|----|-----|-----|-----|-----|-----|-----|
| 1/4" | 6 | 13 | 20 | 290 | 60 | 870 | 125 | 100 |
| 5/16" | 8 | 15 | 20 | 290 | 60 | 870 | 150 | 100 |
| 3/8" | 10 | 18 | 20 | 290 | 60 | 870 | 210 | 100 |
| 1/2" | 13 | 22 | 20 | 290 | 60 | 870 | 295 | 100 |
| 5/8" | 16 | 25 | 20 | 290 | 60 | 870 | 345 | 100 |
| 3/4" | 19 | 29 | 20 | 290 | 60 | 870 | 445 | 100 |
| 1" | 25 | 37 | 20 | 290 | 60 | 870 | 690 | 100 |



-40°C / + 70°C
 -40°F / +158°F

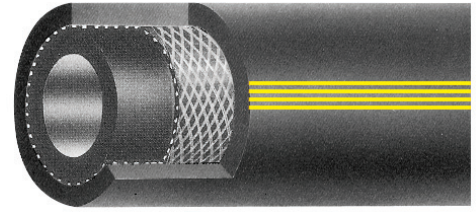
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**


SEL LONG-MULTI MULTIPURPOSE HOSE (**") W.P. ** BAR (LOT)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|


Multipurpose


EPDM



 TUBE : EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT SMOOTH EPDM RUBBER.
 APPLICATION : TO CONVEY AIR, OIL, COLD / HOT WATER AND NON AGGRESSIVE CHEMICALS.

 SEELE : EPDM GUMMI.
 EINLAGE : HOCHZUGFESTE TEXTILEINLAGE.
 DECKE : ABRIB- OZON- UND WETTERBESTÄNDIGER EPDM GUMMI, GLATT.
 ANWENDUNG : ZUR BEFÖRDERUNG VON LUFT; ÖL; HEISS- UND KALTWASSER SOWIE NICHT AGRESSIVEN CHEMIKALIEN.

 SOTTOSTRATO : GOMMA EPDM SPECIALE SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : LISCIA IN GOMMA EPDM RESISTENTE ALL' ABRASIONE, AL CALORE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER PASSAGGIO D'ARIA, OLIO, ACQUA CALDA / FREDDA E PRODOTTI CHIMICI CON MEDIA AGGRESSIVITA.

 TUBE : CAOUTCHOUC EPDM.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC EPDM, LISSE RESISTANT A L'ABRASION, A L'OZONE, A LA CHALEUR ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR TRANSFERT D'AIR, D'HUILE, D'EAU FROIDE / CHAUDE ET PRODUITS CHIMIQUES NON AGRESSIFS.


| ID | | OD | WP | | BP | | W | L |
|-------|----|----|-----|-----|-----|-----|-----|-----|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/4" | 6 | 11 | 10 | 145 | 30 | 435 | 35 | 100 |
| 5/16" | 8 | 14 | 10 | 145 | 30 | 435 | 50 | 100 |
| 3/8" | 10 | 16 | 10 | 145 | 30 | 435 | 65 | 100 |
| 1/2" | 13 | 20 | 10 | 145 | 30 | 435 | 80 | 100 |
| 5/8" | 16 | 23 | 10 | 145 | 30 | 435 | 100 | 100 |
| 3/4" | 19 | 27 | 10 | 145 | 30 | 435 | 115 | 100 |
| 1" | 25 | 34 | 10 | 145 | 30 | 435 | 150 | 100 |

| inch | mm | mm | bar | psi | bar | psi | g/m | m |
|-------|----|----|-----|-----|-----|-----|-----|-----|
| 1/4" | 6 | 13 | 20 | 290 | 60 | 870 | 125 | 100 |
| 5/16" | 8 | 15 | 20 | 290 | 60 | 870 | 150 | 100 |
| 3/8" | 10 | 18 | 20 | 290 | 60 | 870 | 210 | 100 |
| 1/2" | 13 | 22 | 20 | 290 | 60 | 870 | 295 | 100 |
| 5/8" | 16 | 25 | 20 | 290 | 60 | 870 | 345 | 100 |
| 3/4" | 19 | 29 | 20 | 290 | 60 | 870 | 445 | 100 |
| 1" | 25 | 37 | 20 | 290 | 60 | 870 | 690 | 100 |

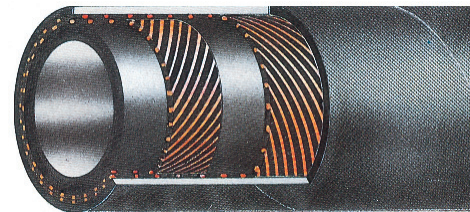


MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL PRIME MULTIPURPOSE HOSE (") W.P. ** BAR (LOT)**

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|--|

Light Duty Air



TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT SYNTHETIC RUBBER.
 APPLICATION : FOR PNEUMATIC EQUIPMENT AND TOOLS.



SEELE : NATUR- UND SYNTHETISCHER GUMMI
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE
 DECKE : ABRIEB-, OZON- UND WETTERBESTÄNDIGER SYNTHETISCHER GUMMI, GLATT
 ANWENDUNG : FÜR PNEUMATISCHE WERKZEUGE UND BAUGERÄTE



SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI .
 IMPIEGO : MANDATA D'ARIA COMPRESSA PER COMPRESSORI ED UTENSILI PNEUMATICI.



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR AIR COMPRI ME ET EQUIPEMENT PNEUMATIQUE.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/2" | 12.7 | 22 | 10 | 145 | 40 | 580 | 400 | 40-46-61 |
| 5/8" | 16 | 25 | 10 | 145 | 40 | 580 | 444 | 40-46-61 |
| 3/4" | 19 | 29 | 10 | 145 | 40 | 580 | 564 | 40-46-61 |
| 1" | 25.4 | 36 | 10 | 145 | 40 | 580 | 661 | 40-46-61 |
| 1 1/4" | 32 | 44 | 10 | 145 | 40 | 580 | 1051 | 40-46-61 |
| 1 1/2" | 38 | 51 | 10 | 145 | 40 | 580 | 1341 | 40-46-61 |
| 1 3/4" | 44.5 | 57 | 10 | 145 | 40 | 580 | 1426 | 40-46-61 |
| 2" | 50.8 | 63 | 10 | 145 | 40 | 580 | 1619 | 40-46-61 |
| 2 1/2" | 63.5 | 78 | 10 | 145 | 40 | 580 | 2368 | 40-46-61 |
| 3" | 76.2 | 92 | 10 | 145 | 40 | 580 | 3074 | 40-46-61 |
| 4" | 101.6 | 117 | 10 | 145 | 40 | 580 | 3828 | 40-46-61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : Type 4 (16 Bar) - type 5 (25 Bar)
 Auf Anfrage : Type 4 (16 Bar) - type 5 (25 Bar)
 Su Richiesta : Type 4 (16 Bar) - type 5 (25 Bar)
 Sur Demande : Type 4 (16 Bar) - type 5 (25 Bar)





-25°C / + 70°C
 -13°F / +158°F

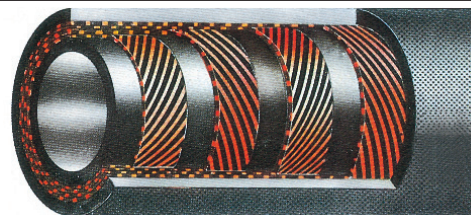


MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL SKY-10 LIGHT DUTY AIR HOSE / TS 745 - EN ISO 2398 Type 1 Class A- W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|---|---------------------------------------|---|
| NORMS NORMEN NORME NORMES | TS 745/EN ISO 2398 TYPE 1-CLASS A ISO 1307 | COLOUR FARBEN COLORI COULEUR |   |
|------------------------------------|---|---------------------------------------|---|

Medium Duty Air



TUBE : OIL-MIST RESISTANT NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT SYNTHETIC RUBBER.
 APPLICATION : MEDIUM DUTY SERVICE FOR AIR AND PNEUMATIC TOOLS SPECIALLY IN MINES, QUARRIES AND CONSTRUCTIONS.



SEELE : ÖLNEBELBESTÄNDIGER NATUR- UND SYNTHETISCHER GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIB- OZON- UND WETTERBESTÄNDIGER SYNTHETISCHER GUMMI, GLATT.
 ANWENDUNG : IM MITTLEREN DRUCKBEREICH FÜR LUFT UND PNEUMATISCH OPERIERENDE MASCHINEN SPEZIELL IN MINEN, STEINBRÜCHEN UND BAUBRANCHE.



SOTTOSTRATO : GOMMA NATURALE E SINTETICA RESISTENTE ALL'OLIO NEBULIZZATO.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : MANDATA D'ARIA COMPRESSA PER COMPRESSORI, NELLE MINIERE, CAVE E COSTRUZIONE.



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE RESISTANT AUX PROJECTIONS D'HUILE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPERIQUES.
 APPLICATION : POUR AIR ET EQUIPEMENTS PNEUMATIQUES EN PARTICULIER DANS L'INDUSTRIE MINIERE, ET LA CONSTRUCTION.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/2" | 12.7 | 22 | 20 | 290 | 60 | 870 | 332 | 40-46-61 |
| 5/8" | 16 | 25 | 20 | 290 | 60 | 870 | 374 | 40-46-61 |
| 3/4" | 19 | 29 | 20 | 290 | 60 | 870 | 504 | 40-46-61 |
| 1" | 25.4 | 36 | 20 | 290 | 60 | 870 | 670 | 40-46-61 |
| 1 1/4" | 32 | 44 | 20 | 290 | 60 | 870 | 955 | 40-46-61 |
| 1 1/2" | 38 | 51 | 20 | 290 | 60 | 870 | 1177 | 40-46-61 |
| 1 3/4" | 44.5 | 60 | 20 | 290 | 60 | 870 | 1630 | 40-46-61 |
| 2" | 50.8 | 65 | 20 | 290 | 60 | 870 | 1655 | 40-46-61 |
| 2 1/2" | 63.5 | 80 | 20 | 290 | 60 | 870 | 2450 | 40-46-61 |
| 3" | 76.2 | 92 | 20 | 290 | 60 | 870 | 2650 | 40-46-61 |
| 4" | 101.6 | 118 | 20 | 290 | 60 | 870 | 3810 | 40-46-61 |



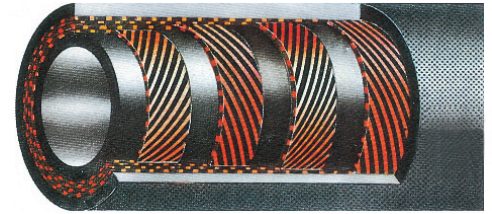
-25°C / + 70°C
 -13°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL SKY-20 MEDIUM DUTY AIR HOSE / W.P. 20 Bar (290 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Heavy Duty Air



TUBE : OIL MIST RESISTANT NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT SYNTHETIC RUBBER.
 APPLICATION : HEAVY DUTY SERVICE FOR AIR AND PNEUMATIC TOOLS SPECIALLY IN MINES, QUARRIES AND CONSTRUCTIONS.



SEELE : ÖLNEBELBESTÄNDIGER NATUR- UND SYNTHETISCHER GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRASION- OZON- UND WETTERBESTÄNDIGER SYNTHETISCHER GUMMI. GLATT.
 ANWENDUNG : IM HOHEN DRUCKBEREICH FÜR LUFT UND PNEUMATISCH OPERIERENDE MASCHINEN SPEZIELL IN MINEN, STEINBRÜCHEN UND BAUBRANCHE.



SOTTOSTRATO : GOMMA NATURALE E SINTETICA RESISTANTE ALL'OLIO NEBULIZZATO.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : MANDATA D'ARIA COMPRESSA AD ALTA PRESSIONE PER COMPRESSORI, NELLE MINIERE, CAVE E COSTRUZIONE.



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE RESISTANT AUX PROJECTIONS D'HUILE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR AIR ET EQUIPEMENTS PNEUMATIQUES EN USAGE INTENSIF EN PARTICULIER DANS L'INDUSTRIE MINIERE, ET LA CONSTRUCTION.



| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/2" | 12.7 | 23 | 25 | 363 | 75 | 1088 | 380 | 40-46-61 |
| 5/8" | 16 | 26 | 25 | 363 | 75 | 1088 | 450 | 40-46-61 |
| 3/4" | 19 | 30 | 25 | 363 | 75 | 1088 | 570 | 40-46-61 |
| 1" | 25.4 | 37 | 25 | 363 | 75 | 1088 | 720 | 40-46-61 |
| 1 1/4" | 32 | 44 | 25 | 363 | 75 | 1088 | 950 | 40-46-61 |
| 1 1/2" | 38 | 51 | 25 | 363 | 75 | 1088 | 1210 | 40-46-61 |
| 1 3/4" | 44.5 | 60 | 25 | 363 | 75 | 1088 | 1660 | 40-46-61 |
| 2" | 50.8 | 66 | 25 | 363 | 75 | 1088 | 1825 | 40-46-61 |
| 2 1/2" | 63.5 | 80 | 25 | 363 | 75 | 1088 | 2505 | 40-46-61 |
| 2 3/4" | 70 | 86 | 25 | 363 | 75 | 1088 | 2665 | 40-46-61 |
| 3" | 76.2 | 92 | 25 | 363 | 75 | 1088 | 2785 | 40-46-61 |
| 4" | 101.6 | 118 | 25 | 363 | 75 | 1088 | 3530 | 40-46-61 |



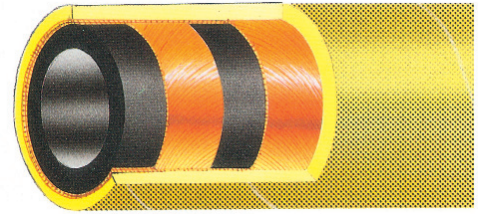
-25°C / + 70°C
 -13°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL SKY-25 HEAVY DUTY AIR HOSE W.P. 25 Bar (363 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|---|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |   |
|------------------------------------|----------|---------------------------------------|---|

Steel Wire Reinforced Air



TUBE : SYNTHETIC NBR RUBBER, RESISTANT TO OIL-MIST MIXED AIR AND INERT FLUIDS.
 REINFORCEMENT : HIGH TENSILE STEEL WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN PRICKED SYNTHETIC RUBBER.
 APPLICATION : FOR HIGH PRESSURE AIR TRANSFER IN MINES.



SEELE : SYNTHETISCHER NBR GUMMI, RESISTENT GEGEN ÖLNEBEL- LUFT GEMISCHE SOWIE NEUTRALE FLÜSSIGKEITEN.
 EINLAGE : HOCHZUGFESTE STAHLDRAHTEINLAGE.
 DECKE : ABRIB- OZON UND WETTERBESTÄNDIGER SYNTHETISCHER GUMMI, GEPRICKT.
 ANWENDUNG : FÜR HOCHDRUCKLUFT ANWENDUNGEN IN MINEN.



SOTTOSTRATO : GOMMA NBR RESISTENTE AL PASSAGGIO D'ARIA CON OLIO NEBULIZZATO E FLUIDI INERTI.
 RINFORZO : IN ACCIAIO AD ALTA CARICO.
 COPERTURA : GOMMA SINTETICA MICRO-FORATA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : MANDATA D'ARIA AD ALTA PRESSIONE NELLE MINIERE.



TUBE : CAOUTCHOUC NBR RESISTANT AU BROUILLARD D'HUILES ET AUX FLUIDES INERTES.
 RENFORCEMENT : NAPPE EN ACIER A HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE MICROPERFORE RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LE TRANSFERT D'AIR COMPRIE A HAUTE PRESSION DANS LES MINES.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|------|-----|-----|-----|------|------|-------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/2" | 12.7 | 23 | 40 | 580 | 160 | 2320 | 511 | 40-61 |
| 3/4" | 19 | 29.5 | 40 | 580 | 160 | 2320 | 630 | 40-61 |
| 1" | 25.4 | 36 | 40 | 580 | 160 | 2320 | 880 | 40-61 |
| 1 1/4" | 32 | 43 | 40 | 580 | 160 | 2320 | 1110 | 40-61 |
| 1 1/2" | 38 | 50 | 40 | 580 | 160 | 2320 | 1540 | 40-61 |
| 2" | 50.8 | 66 | 40 | 580 | 160 | 2320 | 2515 | 40-61 |
| 2 1/2" | 63.5 | 80 | 40 | 580 | 160 | 2320 | 3360 | 40-61 |
| 3" | 76.2 | 94 | 40 | 580 | 160 | 2320 | 4500 | 40-61 |
| 4" | 101.6 | 122 | 40 | 580 | 160 | 2320 | 6771 | 40-61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

- FLAME RESISTANCE : (U.S. MSHA APPROVED)
- HITZEBESTÄNDIGKEIT : (U.S. MSHA BESTÄTIGT)
- RESISTENZA ALLA FIAMMA : (U.S. MSHA CERTIFICATO)
- RESISTANCE A LA FLAMME : (U.S. MSHA CERTIFICATION)



-40°C / + 70°C
 -40°F / +158°F

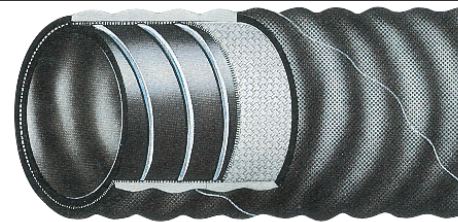
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR TRANSFER TAPE**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Dust and Air Suction



TUBE : NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : SYNTHETIC TEXTILE AND STEEL HELIX WIRE.
 COVER : ABRASION, OZONE, WEATHER AND HEAT RESISTANT SYNTHETIC RUBBER-CORRUGATED.
 APPLICATION : FOR SUCTION AND DELIVERY OF AIR, DUST, GRAIN, POWDER ETC.



SEELE : NATUR UND SYNTHETISCHER GUMMI.
 EINLAGE : SYNTHETISCHE TEXTILEINLAGE MIT STAHLDRAHTSPIRALE.
 DECKE : ABRIB- OZON UND WETTERBESTÄNDIGER SYNTHETISCHER GUMMI, GEWELLT.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH ZUM BEFÖRDERN VON LUFT, KÖRNERN UND PULVER.



SOTTOSTRATO : GOMMA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI E SPIRALE D'ACCIAIO INCORPORATA.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE, ALL'OZONO, AL CALORE ED AGLI AGENTI ATMOSFERICI-ONDULATO.
 IMPIEGO : ASPIRAZIONE D'ARIA, FUMI E POLVERI, ETC.



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE RESISTANT A L'ABRASION, A LA CHALEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES. - ONDULE.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'AIR, DE POUSSIERE, DE GRAINS ET DE POUVRE ETC.

| ID | | OD | VACUUM | BR/r | W | L |
|--------|-------|------|--------|------|-------|------|
| inch | mm | mm | bar | mm | g/m | m |
| 1" | 25.4 | 32 | -0.60 | 40 | 417 | 1-46 |
| 1 1/4" | 32 | 39 | -0.60 | 60 | 617 | 1-46 |
| 1 1/2" | 38 | 45 | -0.60 | 75 | 721 | 1-46 |
| 1 3/4" | 44.5 | 52 | -0.60 | 90 | 806 | 1-46 |
| 2" | 50.8 | 58 | -0.60 | 100 | 912 | 1-46 |
| 2 1/2" | 63.5 | 72 | -0.60 | 125 | 1407 | 1-46 |
| 3" | 76.2 | 84.5 | -0.60 | 150 | 1694 | 1-46 |
| 4" | 101.6 | 110 | -0.60 | 200 | 2336 | 1-46 |
| 5" | 127 | 135 | -0.60 | 295 | 3176 | 1-46 |
| 6" | 152.4 | 162 | -0.60 | 380 | 4171 | 1-46 |
| 8" | 203.2 | 214 | -0.60 | 700 | 6282 | 20 |
| 10" | 254 | 267 | -0.60 | 1000 | 8795 | 20 |
| 12" | 305 | 319 | -0.60 | 1400 | 10430 | 10 |



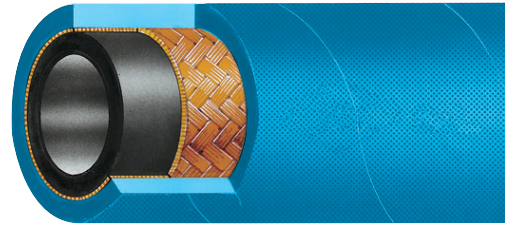
-20°C / + 70°C
 -40°F / +158°F


MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR TRANSFER TAPE**





| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|


1 Steel Wire Braid - High Temperature +135 °C



 TUBE : HIGH TEMPERATURE HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : 1 HIGH TENSILE STEEL WIRE BRAID.
 COVER : OIL, ABRASION AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR LOW-MEDIUM PRESSURE HYDRAULIC SYSTEMS IN INDUSTRY, COMPRESSORS AND MINING WHERE OPERATING TEMPERATURES ARE UP TO 150 °C

 SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE MIT HOHEN ANWENDUNGSTEMPERATUREN
 EINLAGE : 1 GEFLECHTEINLAGE AUS HOCHZUGFESTEM STAHLDRAHT
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG
 ANWENDUNG : GEEIGNET ALS NIEDER-UND MITTELDRUCK HYDRAULIKSCHLAUCH IN DER INDUSTRIE, KOMPRESSOREN UND BERGBAU. EINSATZFÄHIG BIS ZU 150 °C BETRIEBSTEMPERATUR

 SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI AD ALTA TEMPERATURA.
 RINFORZO : 1 TRECCIA IN ACCIAIO AD ALTA TENACITÀ
 COPERTURA : GOMMA SPECIALE SINTETICA CON IMPRESSIONE TELA, RESISTENTE AGLI OLI, ABROSIONE ED AGENTI ATMOSFERICI.
 IMPIEGO : PER SISTEMI A PRESSIONE BASSA-MEDIA CHE IMPIEGANO FLUIDI IDRAULICI IN INDUSTRIA, COMPRESSORI MINERARIA AD ALTA TEMPERATURA FINO A 150 °C

 TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX HUILES HYDRAULIQUES A HAUTE TEMPERATURE.
 RENFORCEMENT : 1 TRESSE D'ACIER TRES RESISTANTE
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES A BASSE ET MOYENNE PRESSION DANS L'INDUSTRIE, COMPRESSEURS, L'EXPLOITATION MINIÈRE OÙ ON EXIGE UNE TEMPERATURE JUSQU'A 150 °C

| Dash Size | ID | | ROD | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|-----------|--------|------|------|------|-----|------|------|-------|-------|-----|--------|---------|---|---|
| | inch | mm | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| -03 | 3/16" | 4.8 | 9.6 | 11.6 | 250 | 3625 | 1100 | 15950 | -0.80 | 90 | 190 | >10 | | |
| -04 | 1/4" | 6.4 | 11.1 | 13.2 | 225 | 3263 | 1030 | 14935 | -0.80 | 100 | 235 | >10 | | |
| -05 | 5/16" | 8 | 12.6 | 14.8 | 215 | 3118 | 970 | 14065 | -0.80 | 115 | 275 | >10 | | |
| -06 | 3/8" | 9.5 | 15 | 17.2 | 180 | 2610 | 820 | 11890 | -0.80 | 130 | 350 | >10 | | |
| -08 | 1/2" | 12.7 | 18.1 | 20.4 | 160 | 2320 | 700 | 10150 | -0.80 | 180 | 435 | >10 | | |
| -10 | 5/8" | 16 | 21.2 | 23.5 | 130 | 1885 | 600 | 8700 | -0.80 | 200 | 500 | >10 | | |
| -12 | 3/4" | 19 | 25.2 | 27.5 | 105 | 1523 | 500 | 7250 | -0.80 | 240 | 635 | >10 | | |
| -16 | 1" | 25.4 | 33.1 | 35.4 | 88 | 1276 | 385 | 5583 | -0.80 | 300 | 935 | >10 | | |
| -20 | 1 1/4" | 31.8 | 40.2 | 43.5 | 63 | 914 | 280 | 4060 | -0.60 | 420 | 1310 | max. 46 | | |
| -24 | 1 1/2" | 38.1 | 46.7 | 50 | 50 | 725 | 260 | 3770 | -0.60 | 500 | 1485 | max. 46 | | |
| -32 | 2" | 50.8 | 60.2 | 63.6 | 40 | 580 | 250 | 3625 | -0.60 | 630 | 2020 | max. 46 | | |
| -40 | 2 1/2" | 63.5 | 73 | 76.5 | 40 | 580 | 200 | 2900 | -0.60 | 760 | 2670 | max. 46 | | |
| -48 | 3" | 76.2 | 85 | 88.5 | 35 | 508 | 160 | 2320 | -0.60 | 900 | 2865 | max. 46 | | |


OPTIONS / OPTIONEN / OPZIONI / OPTIONS



 -50°C / +135°C (+150°C DISCONTINUOUS)
 -58°F / +275°F (+302°F DISCONTINUOUS)

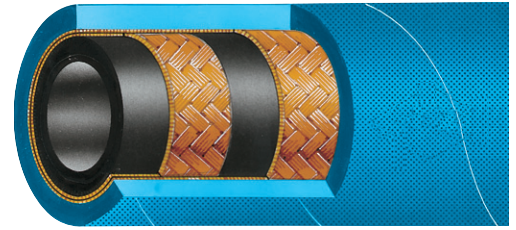
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE, EMBOSSED OR INK JET**

SEL **ULTIMATE** TS 6387/EN 853 1SN (**)(DN ** mm) Max. W.P. *** Bar / **** PSI 135 °C 

| | | | |
|------------------------------------|---|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | DIN EN 853 1 SN TS 6387 EN 853 1 SN SAE 100 R1 AT - R1 AT Type S / ISO 1436: 2009 ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|---|---------------------------------------|--|

2 Steel Wire Braid - High Temperature

+135 °C



TUBE : HIGH TEMPERATURE HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : 2 HIGH TENSILE STEEL WIRE BRAID.
 COVER : OIL, ABRASION AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR MEDIUM-HIGH PRESSURE HYDRAULIC SYSTEMS IN INDUSTRY, COMPRESSORS AND MINING WHERE OPERATING TEMPERATURES ARE UP TO 150 °C



SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE MIT HOHEN ANWENDUNGSTEMPERATUREN
 EINLAGE : 2 GEFLECHTSEINLAGEN AUS HOCHZUGFESTEM STAHLDRAHT
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG
 ANWENDUNG : GEEIGNET ALS MITTEL- UND HOCHDRUCK HYDRAULIKSCHLAUCH IN DER INDUSTRIE, KOMPRESSOREN UND BERGBAU. EINSATZFÄHIG BIS ZU 150 °C BETRIEBSTEMPERATUR



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI AD ALTA TEMPERATURA.
 RINFORZO : 2 TRECCE IN ACCIAIO AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA CON IMPRESSIONE TELA, RESISTENTE AGLI OLI, ABRASIONE ED AGENTI ATMOSFERICI.
 IMPIEGO : PER SISTEMI A PRESSIONE MEDIA-ALTA CHE IMPIEGANO FLUIDI IDRAULICI IN INDUSTRIA, COMPRESSORI MINERARIA AD ALTA TEMPERATURA FINO A 150 °C



TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX HUILES HYDRAULIQUES A HAUTE TEMPERATURE.
 RENFORCEMENT : 2 TRESSSES D'ACIER TRES RESISTANTES.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES A MOYENNE ET HAUTE PRESSION DANS L'INDUSTRIE, COMPRESSEURS, L'EXPLOITATION MINIERE OÙ ON EXIGE UNE TEMPERATURE JUSQU'A 150 °C

| Dash Size | ID | | ROD | OD | WP | | BP | | VACUUM | BR/r | W | L |
|-----------|--------|------|------|------|-----|------|------|-------|--------|------|------|---------|
| | inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| -03 | 3/16" | 4.8 | 11.1 | 13.3 | 415 | 6018 | 1850 | 26825 | - 0.95 | 90 | 305 | >10 |
| -04 | 1/4" | 6.4 | 12.8 | 15 | 400 | 5800 | 1700 | 24650 | - 0.95 | 100 | 390 | >10 |
| -05 | 5/16" | 8 | 14.3 | 16.5 | 350 | 5075 | 1550 | 22475 | - 0.95 | 115 | 455 | >10 |
| -06 | 3/8" | 9.5 | 16.7 | 18.9 | 330 | 4785 | 1450 | 21025 | - 0.95 | 130 | 560 | >10 |
| -08 | 1/2" | 12.7 | 19.8 | 22.2 | 275 | 3988 | 1300 | 18850 | - 0.95 | 180 | 665 | >10 |
| -10 | 5/8" | 16 | 22.9 | 25.2 | 250 | 3625 | 1050 | 15225 | - 0.95 | 200 | 780 | >10 |
| -12 | 3/4" | 19 | 26.9 | 29.2 | 215 | 3118 | 920 | 13340 | - 0.80 | 240 | 965 | >10 |
| -16 | 1" | 25.4 | 34.8 | 37.2 | 165 | 2393 | 690 | 10005 | - 0.80 | 300 | 1390 | >10 |
| -20 | 1 1/4" | 31.8 | 44.3 | 47.3 | 125 | 1813 | 620 | 8990 | - 0.80 | 420 | 2075 | max. 46 |
| -24 | 1 1/2" | 38.1 | 50.7 | 53.7 | 90 | 1305 | 520 | 7540 | - 0.80 | 500 | 2390 | max. 46 |
| -32 | 2" | 50.8 | 63.5 | 66.7 | 78 | 1131 | 420 | 6090 | - 0.80 | 630 | 3065 | max. 46 |
| -40 | 2 1/2" | 63.5 | 75.2 | 79.8 | 69 | 1000 | 300 | 4350 | - 0.60 | 760 | 3980 | max. 46 |
| -48 | 3" | 76.2 | 87.4 | 91.9 | 50 | 725 | 240 | 3480 | - 0.60 | 900 | 4165 | max. 46 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS



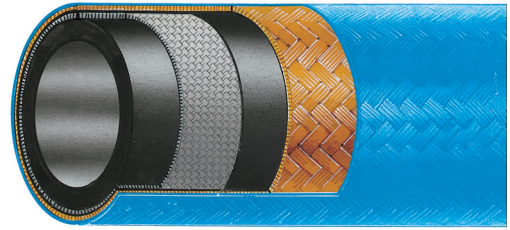
-50°C / +135°C (+150°C DISCONTINUOUS)
 -58°F / +275°F (+302°F DISCONTINUOUS)

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE, EMBOSSED OR INK JET**

SEL **ULTIMATE** TS 6387/EN 853 2SN (**)(DN ** mm) Max. W.P. *** Bar / **** PSI 135°C

| | | | |
|------------------------------------|---|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | DIN EN 853 2 SN TS 6387 EN 853 2 SN SAE 100 R2 AT - R2 AT Type S / ISO 1436: 2009 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|---|---------------------------------------|--|

1 Steel Wire Braid - High Temperature +135 °C



TUBE : HIGH TEMPERATURE HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : SYNTHETIC TEXTILE AND 1 HIGH TENSILE STEEL WIRE BRAID.
 COVER : OIL AND WEATHER RESISTANT SYNTHETIC RUBBER IMPREGNATED SYNTHETIC BRAID.
 APPLICATION : FOR LOW-MEDIUM PRESSURE HYDRAULIC SYSTEMS IN INDUSTRY, COMPRESSORS AND MINING WHERE OPERATING TEMPERATURES ARE UP TO 150 °C



SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE MIT HOHEN ANWENDUNGSTEMPERATUREN
 EINLAGE : 1 GEFLECHTEINLAGE AUS HOCHZUGFESTEM STAHLDRAHT MIT ZUSÄTZLICHER TEXTILEINLAGE
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIB- UND WITTERUNGSBESTÄNDIG
 ANWENDUNG : GEEIGNET ALS NIEDER- UND MITTELDRUCK HYDRAULISCHLAUCH IN DER INDUSTRIE, KOMPRESSOREN UND BERGBAU. EINSATZFÄHIG BIS ZU 150 °C BETRIEBSTEMPERATUR



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI.
 RINFORZO : INSERZIONI TESSILI E 1 TRECCIA IN ACCIAIO AD ALTA TENACITÀ.
 COPERTURA : TRECCIA IN TESSILE IMPREGINATO DI GOMMA SINTETICA RESISTENTE AGLI OLI ED AGENTI ATMOSFERICI.
 IMPIEGO : PER SISTEMI A PRESSIONE BASSA-MEDIA CHE IMPIEGANO FLUIDI IDRAULICI IN INDUSTRIA, COMPRESSORI MINERARIA AD ALTA TEMPERATURA FINO A 150 °C



TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT AUX HUILES HYDRAULIQUES.
 RENFORCEMENT : INSERTION TEXTILE ET 1 TRESSE D'ACIER TRES RESISTANTE.
 REVETEMENT : TRESSE TEXTILE IMPREGNEE DE CAOUTCHOUC SYNTHETIQUE SPECIAL RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LES SYSTEMES HYDRAULIQUES A BASSE ET MOYENNE PRESSION DANS L'INDUSTRIE, COMPRESSEURS, L'EXPLOITATION MINIERE OÙ ON EXIGE UNE TEMPERATURE JUSQU'A 150 °C

| Dash Size | ID | | OD | WP | | BP | | BR/r | W | L |
|-----------|----------|------|------|-----|------|------|-------|------|------|---------|
| | inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| -04 | 3/16" | 4.8 | 12.9 | 210 | 3045 | 1100 | 15950 | 75 | 255 | >10 |
| -05 | 1/4" | 6.4 | 14.5 | 210 | 3045 | 1000 | 14500 | 85 | 295 | >10 |
| -06 | 5/16" | 8 | 16.8 | 157 | 2277 | 800 | 11600 | 100 | 370 | >10 |
| -08 | 13/32" | 10.3 | 19.1 | 140 | 2030 | 700 | 10150 | 115 | 430 | >10 |
| -10 | 1/2" | 12.7 | 22.9 | 122 | 1769 | 600 | 8700 | 140 | 590 | >10 |
| -12 | 5/8" | 16 | 27.1 | 105 | 1523 | 520 | 7540 | 165 | 735 | >10 |
| -16 | 7/8" | 22.2 | 30.8 | 56 | 812 | 380 | 5510 | 185 | 725 | >10 |
| -20 | 1 1/8" | 28.6 | 37.6 | 43 | 624 | 300 | 4350 | 230 | 945 | >10 |
| -24 | 1 3/8" | 34.9 | 44.5 | 35 | 508 | 250 | 3625 | 265 | 1170 | max. 46 |
| -32 | 1 13/16" | 46 | 56.4 | 24 | 348 | 200 | 2900 | 335 | 1420 | max. 46 |
| -40 | 2 3/8" | 60 | 73 | 24 | 348 | 150 | 2175 | 610 | 2355 | max. 46 |
| -48 | 3" | 76.2 | 90.5 | 14 | 203 | 100 | 1450 | 840 | 3195 | max. 46 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

CERTIFICATE
 ZERTIFIZIERT
 CERTIFICATO
 CERTIFICAT

D.O.T



-50 °C / +135 °C (+150 °C DISCONTINUOUS)
 -58 °F / +275 °F (+302 °F DISCONTINUOUS)

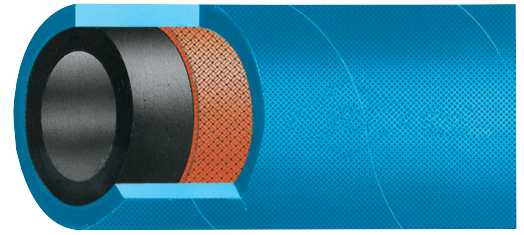
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR INK JET**

SEL ULTIMATE SAE 100 R5 ()(DN ** mm) Max. W.P. *** Bar / **** PSI 135 °C** → → →

| | | | |
|------------------------------------|------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | SAE 100 R5 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|------------------------|---------------------------------------|--|



1 Textile Braid - High Temperature +135 °C



TUBE : HIGH TEMPERATURE HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : 1 HIGH TENSILE SYNTHETIC TEXTILE BRAID.
 COVER : OIL, ABRASION AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR HYDRAULIC CONTROL LINES, DISCHARGE UNDER LOW PRESSURE OF HYDRAULIC FLUIDS, AIR AND WATER, WHERE OPERATING TEMPERATURES ARE UP TO 150 °C.



SEELE : SPEZIELLES, SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE MIT HOHEN ANWENDUNGSTEMPERATUREN
 EINLAGE : 1 HOCHZUGFESTE EINLAGE AUS TEXTILGEFLECHT
 DECKE : SPEZIELLES, SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG
 ANWENDUNG : GEEIGNET ALS NIEDERDRUCK HYDRAULIKSCHLAUCH ZUM ENTLADEN VON HYDRAULIKÖL, WASSER UND LUFT. EINSATZFÄHIG BIS ZU 150 °C BETRIEBSTEMPERATUR



SOTTOSTRATO : GOMMA SPECIALE SINTETICA RESISTENTE AI FLUIDI IDRAULICI AD ALTA TEMPERATURA.
 RINFORZO : 1 TRECCIA TESSILE AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA RESISTENTE AGLI OLI, ABRASIONE ED AGENTI ATMOSFERICI.
 IMPIEGO : PER PASSAGGIO A BASSA PRESSIONE DEI FLUIDI IDRAULICI A BASE DI OLI MINERALI, ACQUA ED ARIA COMPRESSA, AD ALTA TEMPERATURA FINO A 150 °C.



TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANT AUX HUILES HYDRAULIQUES A HAUTE TEMPERATURE.
 RENFORCEMENT : 1 TRESSE TEXTILE TRES RESISTANTE.
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANT A L'ABRASION, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LE PASSAGE A BASSE PRESSION DES HUILES HYDRAULIQUES, D' HUILES MINERALES, EAU, AIR OU ON EXIGE UNE TEMPERATURE JUSQU'A 150 °C.

| Dash Size | ID | | OD | WP | | BP | | BR/r | W | L |
|-----------|-------|------|------|-----|-----|-----|------|------|-----|-----|
| | inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| -03 | 3/16" | 4.8 | 10.7 | 34 | 493 | 250 | 3625 | 35 | 100 | >10 |
| -04 | 1/4" | 6.4 | 12.3 | 28 | 406 | 200 | 2900 | 45 | 120 | >10 |
| -05 | 5/16" | 8 | 13.9 | 28 | 406 | 200 | 2900 | 65 | 140 | >10 |
| -06 | 3/8" | 9.5 | 15.5 | 28 | 406 | 200 | 2900 | 75 | 165 | >10 |
| -08 | 1/2" | 12.7 | 19.5 | 28 | 406 | 200 | 2900 | 90 | 245 | >10 |
| -10 | 5/8" | 16 | 22.6 | 24 | 348 | 140 | 2030 | 115 | 290 | >10 |
| -12 | 3/4" | 19 | 25.8 | 21 | 305 | 130 | 1885 | 140 | 345 | >10 |
| -16 | 1" | 25.4 | 33.2 | 20 | 290 | 100 | 1450 | 150 | 505 | >10 |



-40°C / +135°C (+150°C DISCONTINUOUS)
 -40°F / +275°F (+302°F DISCONTINUOUS)




MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE, EMBOSSED OR INK JET**


SEL **ULTIMATE** TS 6388/EN 854 R6 (***) (DN ** mm) Max. W.P. *** Bar / **** PSI 135°C


| | | | |
|--------|------------------------|---------|--|
| NORMS | SAE 100 R6 | COLOUR | |
| NORMEN | EN 854 TYPE R6 | FARBEN | |
| NORME | TS 6388 EN 854 TIP R6 | COLORI | |
| NORMES | ISO 4079-1 R6 ISO 1307 | COULEUR | |


Nitrogen Hose



 TUBE : NITROGEN RESISTANT NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT SYNTHETIC RUBBER.
 APPLICATION : FOR TRANSFER OF NITROGEN.

 SEELE : NATUR- UND SYNTHETISCHER KAUSCHUK, BESTÄNDIG GEGEN STICKSTOFF.
 EINLAGE : HOCHZUGFESTE TEXTILEINLAGE.
 DECKE : ABRIEB-, OZON- WETTERBESTÄNDIGER, SYNTHETISCHER GUMMI.
 ANWENDUNG : ZUM BEFÖRDERN VON STICKSTOFF.

 SOTTOSTRATO : GOMMA NATURALE E SINTETICA RESISTENTE ALL'AZOTO.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER IL TRASFERIMENTO D'AZOTO.

 TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE, RESISTANT A L'AZOTE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, RESISTANT A L'ABRASION, A L'OZONE, ET AUX AGENTS ATMOSPHERIQUES..
 APPLICATION : POUR LE TRANSFERT DE L'AZOTE.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/2" | 12.7 | 22 | 20 | 290 | 64 | 928 | 332 | 40-46-61 |
| 5/8" | 16 | 25 | 20 | 290 | 64 | 928 | 374 | 40-46-61 |
| 3/4" | 19 | 29 | 20 | 290 | 64 | 928 | 504 | 40-46-61 |
| 1" | 25.4 | 36 | 20 | 290 | 64 | 928 | 670 | 40-46-61 |
| 1 1/4" | 32 | 44 | 20 | 290 | 64 | 928 | 955 | 40-46-61 |
| 1 1/2" | 38 | 51 | 20 | 290 | 64 | 928 | 1177 | 40-46-61 |
| 1 3/4" | 44.5 | 60 | 20 | 290 | 64 | 928 | 1630 | 40-46-61 |
| 2" | 50.8 | 65 | 20 | 290 | 64 | 928 | 1655 | 40-46-61 |
| 2 1/2" | 63.5 | 80 | 20 | 290 | 64 | 928 | 2450 | 40-46-61 |
| 3" | 76.2 | 92 | 20 | 290 | 64 | 928 | 2650 | 40-46-61 |
| 4" | 101.6 | 118 | 20 | 290 | 64 | 928 | 3810 | 40-46-61 |

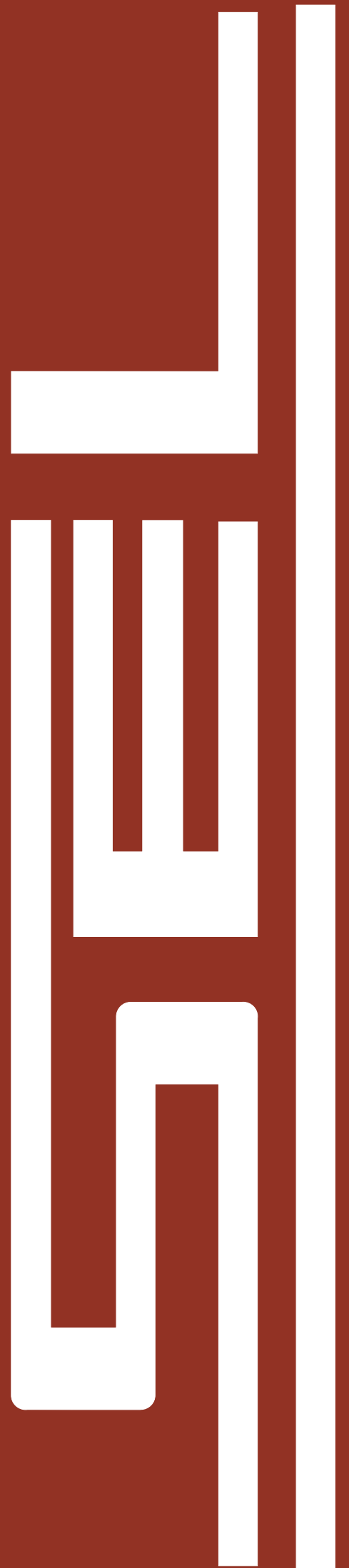
 -40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR TRANSFER TAPE**

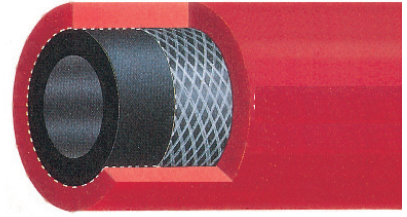
 **NITRO-20** NITROGEN HOSE - W.P. 20 Bar (290 PSI) 

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|--|

Welding
Schweißen
Saldatura
Soudure



Welding (Oxygen - Acetylene)



TUBE : BLACK SMOOTH SYNTHETIC RUBBER, RESISTANT TO OXYGEN AND ACETYLENE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, WEATHER AND FLAME RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR INDUSTRIAL WELDING WITH OXYGEN OR ACETYLENE.



SEELE : SCHWARZER, GLATTER SYNTHETISCHER GUMMI; BESTÄNDIG GEGEN SAUERSTOFF UND ACETYLEN GASE
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE
 DECKE : ABRIB- UND WETTERBESTÄNDIGER, SPEZIELLER SYNTHETISCHER GUMMI, FLAMMWIDRIG
 ANWENDUNG : FÜR INDUSTRIELLE SCHWEIßARBEITEN MIT SAUERSTOFF UND ACETYLEN



SOTTOSTRATO : NERO.LISCIO IN GOMMA SINTETICA RESISTENTE ALL'AZIONE DEI GAS DI SALDATURA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA RESISTENTE ALL'ABRASIONE, ALLA FIAMMA ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER LA SALDATURA INDUSTRIALE CON OSSIGENO E ACETILENE.



TUBE : CAOUTCHOUC SYNTHETIQUE LISSE, NOIR, RESISTANT A L'OXYGENE ET ACETYLENE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANT A L'ABRASION, AUX AGENTS ATMOSPHERIQUES ET A LA FLAMME.
 APPLICATION : POUR LE SOUDAGE A OXYACETYLENIQUE.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|----|----|-----|-----|-----|-----|------|-----|-----|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/4" | 6 | 13 | 20 | 290 | 60 | 870 | 30 | 155 | 100 |
| 1/4" | 6 | 14 | 20 | 290 | 60 | 870 | 30 | 180 | 100 |
| 5/16" | 8 | 15 | 20 | 290 | 60 | 870 | 40 | 185 | 100 |
| 5/16" | 8 | 16 | 20 | 290 | 60 | 870 | 40 | 220 | 100 |
| 23/64" | 9 | 16 | 20 | 290 | 60 | 870 | 45 | 200 | 100 |
| 3/8" | 10 | 17 | 20 | 290 | 60 | 870 | 50 | 220 | 100 |
| 3/8" | 10 | 18 | 20 | 290 | 60 | 870 | 50 | 255 | 100 |
| 1/2" | 13 | 22 | 20 | 290 | 60 | 870 | 65 | 370 | 100 |



-30°C / + 80°C
 -22°F / +176°F



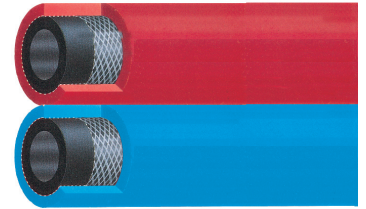
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL JUPITER ACETYLENE ISO 3821 2 MPa (20 BAR) (mm) (YEAR) <TSE>**

SEL JUPITER OXYGEN ISO 3821 2 MPa (20 BAR) (mm) (YEAR) <TSE>**

| | | | | | |
|------------------------------------|---------------------|---------------------------------------|--|--|--|
| NORMS NORMEN NORME NORMES | ISO 3821 ISO1307 | COLOUR FARBEN COLORI COULEUR | | | |
|------------------------------------|---------------------|---------------------------------------|--|--|--|

Welding (Oxygen and Acetylene)



TUBE : BLACK SMOOTH SYNTHETIC RUBBER RESISTANT TO OXYGEN AND ACETYLENE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, WEATHER AND FLAME RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR INDUSTRIAL WELDING WITH OXYGEN OR ACETYLENE.



SEELE : SCHWARZER, GLATTER SYNTHETISCHER GUMMI; BESTÄNDIG GEGEN SAUERSTOFF UND ACETYLEN GASE
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE
 DECKE : ABRIB- UND WETTERBESTÄNDIGER, SPEZIELLER SYNTHETISCHER GUMMI; FLAMMWIDRIG
 ANWENDUNG : FÜR INDUSTRIELLE SCHWEIßARBEITEN MIT SAUERSTOFF UND ACETYLEN



SOTTOSTRATO : NERO, LISCIO IN GOMMA SINTETICA RESISTENTE ALL'AZIONE DEI GAS DI SALDATURA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA RESISTENTE ALL'ABRASIONE, ALLA FIAMMA ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER LA SALDATURA INDUSTRIALE CON OSSIGENO E ACETILENE.



TUBE : CAOUTCHOUC SYNTHETIQUE LISSE, NOIR. RESISTANT A L'OXYGENE ET ACETYLENE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANT A L'ABRASION, AUX AGENTS ATMOSPHERIQUES ET A LA FLAMME.
 APPLICATION : POUR LE SOUDAGE A OXYACETYLENIQUE.

| ID | | OD | WP | | BP | | BR/r | W | L |
|-------|----|----|-----|-----|-----|-----|------|-----|--------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 3/16" | 5 | 11 | 20 | 290 | 60 | 870 | 25 | 230 | 10-100 |
| 3/16" | 5 | 11 | 20 | 290 | 60 | 870 | 25 | 230 | 10-100 |
| 1/4" | 6 | 13 | 20 | 290 | 60 | 870 | 30 | 320 | 10-100 |
| 1/4" | 6 | 13 | 20 | 290 | 60 | 870 | 30 | 320 | 10-100 |
| 1/4" | 6 | 13 | 20 | 290 | 60 | 870 | 30 | 355 | 10-100 |
| 5/16" | 8 | 15 | 20 | 290 | 60 | 870 | 30 | 355 | 10-100 |
| 5/16" | 8 | 15 | 20 | 290 | 60 | 870 | 40 | 390 | 10-100 |
| 5/16" | 8 | 15 | 20 | 290 | 60 | 870 | 40 | 390 | 10-100 |
| 5/16" | 8 | 15 | 20 | 290 | 60 | 870 | 40 | 430 | 10-100 |
| 3/8" | 10 | 17 | 20 | 290 | 60 | 870 | 40 | 430 | 10-100 |
| 3/8" | 10 | 17 | 20 | 290 | 60 | 870 | 50 | 460 | 10-100 |
| 3/8" | 10 | 17 | 20 | 290 | 60 | 870 | 50 | 460 | 10-100 |
| 3/8" | 10 | 17 | 20 | 290 | 60 | 870 | 50 | 630 | 10-100 |
| 1/2" | 13 | 22 | 20 | 290 | 60 | 870 | 50 | 630 | 10-100 |
| 1/2" | 13 | 22 | 20 | 290 | 60 | 870 | 65 | 770 | 10-100 |
| 1/2" | 13 | 22 | 20 | 290 | 60 | 870 | 65 | 770 | 10-100 |



-30°C / + 80°C
 -22°F / +176°F



MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL JUPITER TWIN OX-AC ISO 3821 2 MPa (20 BAR) (mm) (YEAR) <TSE>**

SEL JUPITER TWIN OX-AC ISO 3821 2 MPa (20 BAR) (mm) (YEAR) <TSE>**

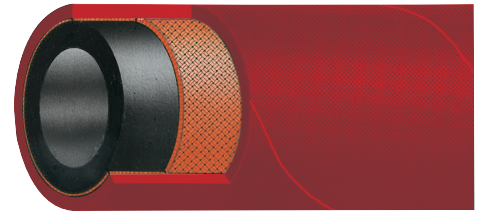
NORMS
 NORMEN
 NORME
 NORMES

ISO 3821
 ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Welding (Oxygen - Acetylene)



TUBE : BLACK SMOOTH SYNTHETIC RUBBER, RESISTANT TO OXYGEN AND ACETYLENE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, WEATHER AND FLAME RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR INDUSTRIAL WELDING WITH OXYGEN OR ACETYLENE.



SEELE : SCHWARZER, GLATTER SYNTHETISCHER GUMMI; BESTÄNDIG GEGEN SAUERSTOFF UND ACETYLEN GASE
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE
 DECKE : ABRIEB- UND WETTERBESTÄNDIGER, SPEZIELLER SYNTHETISCHER GUMMI; FLAMMWIDRIG
 ANWENDUNG : FÜR INDUSTRIELLE SCHWEIßARBEITEN MIT SAUERSTOFF UND ACETYLEN



SOTTOSTRATO : NERO, LISCIO IN GOMMA SINTETICA RESISTENTE ALL'AZIONE DEI GAS DI SALDATURA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA RESISTENTE ALL'ABRASIONE, ALLA FIAMMA ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER LA SALDATURA INDUSTRIALE CON OSSIGENO E ACETILENE.



TUBE : CAOUTCHOUC SYNTHETIQUE LISSE, NOIR. RESISTANT A L'OXYGENE ET ACETYLENE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANT A L'ABRASION, AUX AGENTS ATMOSPHERIQUES ET A LA FLAMME.
 APPLICATION : POUR LE SOUDAGE A OXYACETYLENIQUE.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|------|----|-----|-----|-----|------|------|------|-----|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 5/16" | 8 | 16 | 25 | 363 | 75 | 1088 | 35 | 235 | 100 |
| 25/64" | 9.9 | 19 | 25 | 363 | 75 | 1088 | 45 | 335 | 100 |
| 1/2" | 12.7 | 23 | 25 | 363 | 75 | 1088 | 55 | 455 | 100 |
| 5/8" | 16 | 26 | 25 | 363 | 75 | 1088 | 70 | 535 | 100 |
| 3/4" | 19 | 32 | 25 | 363 | 75 | 1088 | 85 | 830 | 100 |
| 1" | 25.4 | 38 | 25 | 363 | 75 | 1088 | 140 | 1045 | 100 |
| 1 1/4" | 31.8 | 46 | 25 | 363 | 75 | 1088 | 160 | 1425 | 100 |
| 1 1/2" | 38.1 | 54 | 25 | 363 | 75 | 1088 | 190 | 1850 | 100 |



-30°C / +100°C
 -22°F / +212°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL JUPITER ACETYLENE ASTM C542 2.5 MPa (25 BAR) (mm) (YEAR)**

SEL JUPITER OXYGEN ASTM C542 2.5 MPa (25 BAR) (mm) (YEAR)**

NORMS
 NORMEN
 NORME
 NORMES

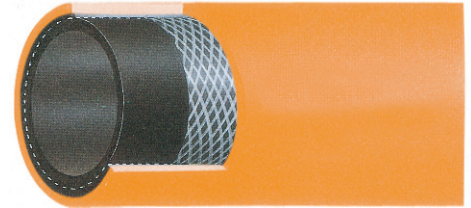
ASTM C 542
 ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



HOSES
 An Eaton Brand

LPG Welding



TUBE : BLACK,LPG AND PROPANE RESISTANT SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, FLAME,OZONE AND WEATHER RESISTANT SMOOTH SYNTHETIC RUBBER.
 APPLICATION : FOR WELDING WITH LPG.



SEELE : SCHWARZER, GLATTER SYNTHETISCHER GUMMI; BESTÄNDIG GEGEN LPG UND PROPAN GASE
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE
 DECKE : ABRIEB-, WETTER- UND OZONBESTÄNDIGER, SPEZIELLER SYNTHETISCHER GUMMI, FLAMMWIDRIG
 ANWENDUNG : FÜR INDUSTRIELLE SCHWEIßARBEITEN MIT SAUERSTOFF UND ACETYLEN



SOTTOSTRATO : NERO,LISCIO IN GOMMA SINTETICA RESISTENTE AL GPL E PROPANO
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA RESISTENTE ALL'ABRASIONE, ALLA FIAMMA, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER LA SALDATURA E MANDATA DI GPL.



TUBE : CAOUTCHOUC SYNTHETIQUE NOIR. RESISTANT A GPL ET PROPANE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE LISSE, RESISTANT A L'ABRASION, AUX AGENTS ATMOSPHERIQUES ET A LA FLAMME.
 APPLICATION : POUR LE SOUDAGE, GPL.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|----|------|-----|-----|-----|-----|------|-----|-----|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/4" | 6 | 13 | 20 | 290 | 60 | 870 | 30 | 155 | 100 |
| 1/4" | 6 | 14 | 20 | 290 | 60 | 870 | 30 | 185 | 100 |
| 5/16" | 8 | 15 | 20 | 290 | 60 | 870 | 40 | 190 | 100 |
| 5/16" | 8 | 16 | 20 | 290 | 60 | 870 | 40 | 225 | 100 |
| 23/64" | 9 | 16 | 20 | 290 | 60 | 870 | 45 | 205 | 100 |
| 3/8" | 10 | 17 | 20 | 290 | 60 | 870 | 50 | 220 | 100 |
| 3/8" | 10 | 18 | 20 | 290 | 60 | 870 | 50 | 260 | 100 |
| 1/2" | 13 | 22.5 | 20 | 290 | 60 | 870 | 65 | 400 | 100 |





-30°C / + 80°C
 -22°F / +176°F

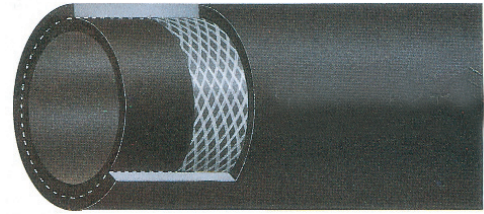


MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSSED OR INK JET**

SEL URANUS - PROPANE ISO 3821 2 MPa (20 BAR) (mm) (YEAR) <TSE>**

| | | | |
|------------------------------------|----------------------|---------------------------------------|---|
| NORMS NORMEN NORME NORMES | ISO 3821 ISO 1307 | COLOUR FARBEN COLORI COULEUR |   |
|------------------------------------|----------------------|---------------------------------------|---|

Welding Torch Hose



TUBE : NON CONDUCTIVE SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT NON CONDUCTIVE SMOOTH SPECIAL SYNTHETIC RUBBER.
 APPLICATION : DELIVERY OF WATER AND COOLING LIQUIDS SUITABLE FOR WELDING TORCHS.



SEELE : SYNTHETISCHES-GUMMI, ISOLIEREND.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE
 DECKE : ABRIEFEST, HITZE-, OZON- UND WITTERUNGSBESTÄNDIG, SYNTHETISCHES-GUMMI, ISOLIEREND, GLATT.
 ANWENDUNG : GEEINGNET FÜR WASSERZUFÜHRUNG UND KÜHLUNG BEI ELEKTRISCHEN SCHWEISSMASCHINEN.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA, NON CONDUTTIVA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA, NON CONDUTTIVA, LISCIA, RESISTENTE ALL'ABRASIONE, AL CALORE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI ACQUA E LIQUIDI DI RAFFREDDAMENTO IMPIEGATO PER LA COSTRUZIONE DI TORCE PER LA SALDATURA.



TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE NON-CONDUCTEUR.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE NON-CONDUCTEUR, LISSE, RESISTANT A L'ABRASION, A LA CHALEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : TRANSFER D'EAU ET LIQUIDES DE REFROIDISSEMENT APPROPRIE POUR LES TORCHES DE SOUDAGE.

| ID | | OD | WP | | BP | | W | L |
|--------|----|------|-----|-----|-----|-----|-----|-----|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 5/16" | 8 | 13 | 7 | 102 | 21 | 305 | 115 | 100 |
| 23/64" | 9 | 14 | 7 | 102 | 21 | 305 | 130 | 100 |
| 3/8" | 10 | 15.5 | 7 | 102 | 21 | 305 | 155 | 100 |



-40°C / +100°C
 -40°F / +212°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL TORCH L/L WELDING TORCH HOSE (*) (YEAR) <LOT>**

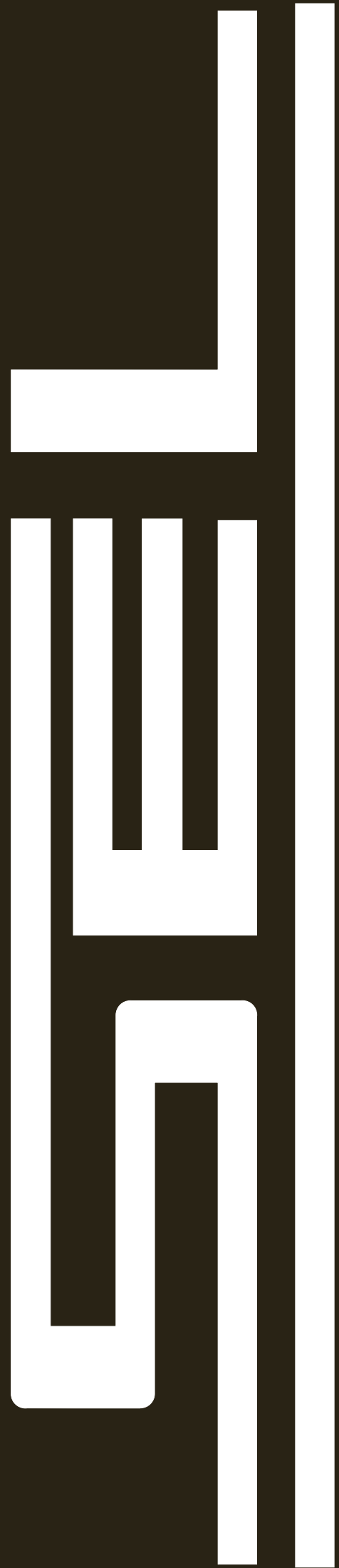
| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Hot Water

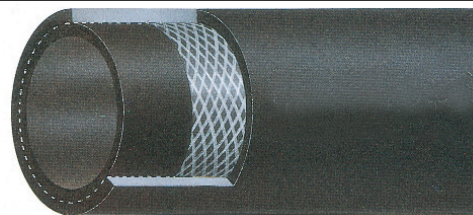
Heisswasser

Acqua Calda

Eau Chaude



Car Heater - Radiator



TUBE : EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT, SMOOTH EPDM RUBBER.
 APPLICATION : FOR DELIVERY OF HOT WATER WITH VERY LIGHT CHEMICAL CONTENT IN INDUSTRIAL APPLICATIONS.



SEELE : EPDM-GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : EPDM, ABRIEFEST, HITZE-, OZON- UND WITTERUNGSBESTÄNDIG, GLATT.
 ANWENDUNG : GEEIGNET ALS KÜHLERSCHLAUCH FÜR INDUSTRIE- UND AUTOMOBILBEREICH.



SOTTOSTRATO : GOMMA IN EPDM.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA IN EPDM LISCIA, RESISTENTE ALL'ABRASIONE, AL CALORE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA D'ACQUA CALDA ANCHE CON CONTENUTI CHIMICI MOLTO LEGGERI NELL'INDUSTRIA.



TUBE : CAOUTCHOUC EPDM.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC EPDM LISSE, RESISTANT A L'ABRASION, A LA CHALEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT D'EAU CHAUDE MEME AVEC UN ADDITIF CHIMIQUE A FAIBLE CONCENTRATION, DANS L'INDUSTRIE.

| ID | | OD | | WP | | BP | | W | L |
|-------|----|----|----|-----|-----|-----|-----|-----|-----|
| inch | mm | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/4" | 6 | 12 | 12 | 4 | 58 | 12 | 174 | 115 | 100 |
| 5/16" | 8 | 14 | 14 | 4 | 58 | 12 | 174 | 140 | 100 |
| 3/8" | 10 | 16 | 16 | 4 | 58 | 12 | 174 | 165 | 100 |
| 1/2" | 13 | 20 | 20 | 4 | 58 | 12 | 174 | 260 | 100 |
| 5/8" | 16 | 23 | 23 | 4 | 58 | 12 | 174 | 290 | 100 |
| 3/4" | 19 | 27 | 27 | 4 | 58 | 12 | 174 | 390 | 100 |
| 1" | 25 | 35 | 35 | 4 | 58 | 12 | 174 | 635 | 100 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : DIN 73411 Type A/B - TS 548 Type 1/Type 2
 Auf Anfrage : DIN 73411 Type A/B - TS 548 Type 1/Type 2
 Su Richiesta : DIN 73411 Type A/B - TS 548 Type 1/Type 2
 Sur Demande : DIN 73411 Type A/B - TS 548 Type 1/Type 2



-40°C / +120°C
 -40°F / +248°F

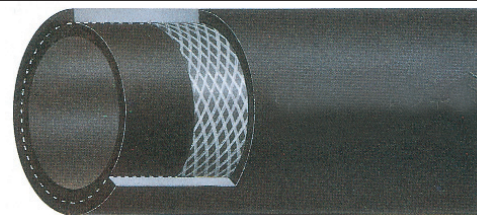
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL ISI L/L HOT WATER (*) (YEAR) <TSE>**

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Car Heater

LOW OIL RESISTANCE



TUBE : EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT, SMOOTH EPDM RUBBER.
 APPLICATION : FOR DELIVERY OF HOT WATER WITH VERY LIGHT CHEMICAL CONTENT IN INDUSTRIAL APPLICATIONS.



SEELE : EPDM-GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : EPDM, ABRIEBFEST, HITZE-, OZON- UND WITTERUNGSBESTÄNDIG, GLATT.
 ANWENDUNG : GEEIGNET ALS KÜHLERSCHLAUCH FÜR INDUSTRIE- UND AUTOMOBILBEREICH.



SOTTOSTRATO : GOMMA IN EPDM.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA IN EPDM LISCIA, RESISTENTE ALL'ABRASIONE, AL CALORE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA D'ACQUA CALDA ANCHE CON CONTENUTI CHIMICI MOLTO LEGGERI NELL'INDUSTRIA.



TUBE : CAOUTCHOUC EPDM.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC EPDM LISSE, RESISTANT A L'ABRASION, A LA CHALEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT D'EAU CHAUDE MEME AVEC UN ADDITIF CHIMIQUE A FAIBLE CONCENTRATION, DANS L'INDUSTRIE.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|------|----|----|----|-----|-----|-----|-----|------|-----|-----|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 3/8" | 10 | 17 | 17 | 10 | 145 | 30 | 435 | 80 | 175 | 100 |
| 1/2" | 13 | 20 | 20 | 10 | 145 | 30 | 435 | 105 | 215 | 100 |
| 5/8" | 16 | 23 | 23 | 10 | 145 | 30 | 435 | 160 | 250 | 100 |
| 3/4" | 19 | 28 | 28 | 10 | 145 | 30 | 435 | 190 | 390 | 100 |
| 1" | 25 | 34 | 34 | 10 | 145 | 30 | 435 | 250 | 490 | 100 |



-40°C / +125°C
 -40°F / +257°F

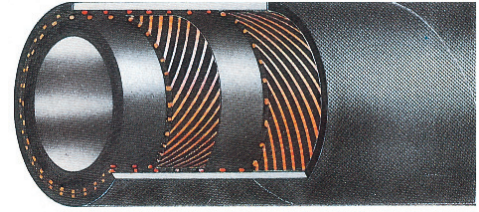
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSSED OR INK JET**

SEL CAR HEATER HOSE SAE J20 R3 D1 (** x ** mm) (QUARTER/YEAR) (LOT)

SEL CAR HEATER HOSE SAE J20 R3 D2 (** x ** mm) (QUARTER/YEAR) (LOT)

| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | SAE J20 R3 D1 SAE J20 R3 D2 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|

Radiator



TUBE : HEAT AND ANTI-FREEZE LIQUIDS RESISTANT EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : HEAT, AGEING AND WEATHER RESISTANT EPDM RUBBER.
 APPLICATION : FOR CONVEYING HOT WATER MIXED WITH ANTI-FREEZE LIQUIDS IN COOLING SYSTEMS, AUTOMOTIVE AND STATIONARY ENGINES.



SEELE : EPDM-GUMMI, HITZE- UND KÜHLMITTELBESTÄNDIG.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : HITZE-, ALTERUNGS-, WITTERUNGSBESTÄNDIG, EPDM-GUMMI.
 ANWENDUNG : BESONDERS GEEIGNET ALS KÜHLERSCHLAUCH FÜR KRAFTFAHRZEUGE UND STATIONÄREN MOTOREN ZUR VERWENDUNG MIT FROSTSCHUTZMITTELN.



SOTTOSTRATO : GOMMA IN EPDM, RESISTENTE AI LIQUIDI ANTIGELO E AL CALORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA IN EPDM RESISTENTE AL CALORE, ALL'INVECCHIAMENTO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER IL PASSAGGIO D'ACQUA CALDA E LIQUIDI ANTIGELO NEI MOTORI, SETTORE AUTO E INDUSTRIA.



TUBE : CAOUTCHOUC EPDM RESISTANT A LA CHALEUR ET ANTIGEL.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A LA CHALEUR, AU VIELLISSEMENT ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR PASSAGE D'EAU CHAUDE ET ANTIGEL DANS LES SYSTEMES DE REFROIDISSEMENT DES MOTEURS THERMIQUES SECTEUR AUTOMOBILE ET INDUSTRIE.

| ID | | OD | WP | | BP | | W | L |
|---------|-------|-------|-----|-----|-----|-----|------|------------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/2" | 12.7 | 19 | 4 | 58 | 12 | 174 | 215 | 1-40-46-61 |
| 5/8" | 16 | 22 | 4 | 58 | 12 | 174 | 260 | 1-40-46-61 |
| - | 18 | 24 | 4 | 58 | 12 | 174 | 288 | 1-40-46-61 |
| 3/4" | 19 | 25 | 4 | 58 | 12 | 174 | 302 | 1-40-46-61 |
| - | 20 | 26 | 4 | 58 | 12 | 174 | 315 | 1-40-46-61 |
| 7/8" | 22 | 28 | 4 | 58 | 12 | 174 | 343 | 1-40-46-61 |
| 1" | 25.4 | 32 | 4 | 58 | 12 | 174 | 432 | 1-40-46-61 |
| 1 1/8" | 28 | 34.5 | 4 | 58 | 12 | 174 | 472 | 1-40-46-61 |
| 1 3/16" | 30 | 38 | 4 | 58 | 12 | 174 | 600 | 1-40-46-61 |
| 1 1/4" | 32 | 40 | 4 | 58 | 12 | 174 | 636 | 1-40-46-61 |
| 1 3/8" | 35 | 43 | 4 | 58 | 12 | 174 | 690 | 1-40-46-61 |
| 1 1/2" | 38 | 47 | 4 | 58 | 12 | 174 | 845 | 1-40-46-61 |
| 1 9/16" | 40 | 49 | 4 | 58 | 12 | 174 | 886 | 1-40-46-61 |
| 1 5/8" | 42 | 51 | 4 | 58 | 12 | 174 | 926 | 1-40-46-61 |
| 1 3/4" | 44.5 | 54 | 4 | 58 | 12 | 174 | 1050 | 1-40-46-61 |
| 1 7/8" | 48 | 57.5 | 4 | 58 | 12 | 174 | 1122 | 1-40-46-61 |
| 2" | 50.8 | 60 | 4 | 58 | 12 | 174 | 1182 | 1-40-46-61 |
| 2 3/16" | 55 | 65 | 4 | 58 | 12 | 174 | 1360 | 1-40-46-61 |
| 2 3/8" | 60 | 70 | 4 | 58 | 12 | 174 | 1470 | 1-40-46-61 |
| 2 1/2" | 63.5 | 73.5 | 4 | 58 | 12 | 174 | 1490 | 1-40-46-61 |
| 2 3/4" | 70 | 80 | 4 | 58 | 12 | 174 | 1630 | 1-40-46-61 |
| 3" | 76.2 | 86 | 4 | 58 | 12 | 174 | 1765 | 1-40-46-61 |
| 3 1/8" | 80 | 90 | 4 | 58 | 12 | 174 | 1845 | 1-40-46-61 |
| 3 1/2" | 90 | 100 | 4 | 58 | 12 | 174 | 2065 | 1-40-46-61 |
| 4" | 101.6 | 111.5 | 4 | 58 | 12 | 174 | 2300 | 1-40-46-61 |

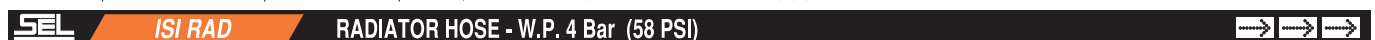
OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : DIN 73411 Type A/B - TS 548 Type 1/Type 2
 Auf Anfrage : DIN 73411 Type A/B - TS 548 Type 1/Type 2
 Su Richiesta : DIN 73411 Type A/B - TS 548 Type 1/Type 2
 Sur Demande : DIN 73411 Type A/B - TS 548 Type 1/Type 2



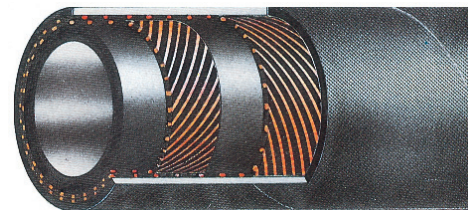
-40°C / +120°C
 -40°F / +248°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Hot Water



TUBE : EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT, EPDM RUBBER.
 APPLICATION : FOR DELIVERY OF HOT WATER WITH VERY LIGHT CHEMICAL CONTENT IN INDUSTRIAL APPLICATIONS.



SEELE : EPDM-GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : EPDM, ABRIEBFEST, HITZE-, OZON- UND WITTERUNGSBESTÄNDIG, GLATT.
 ANWENDUNG : GEEIGNET ALS DRUCKSCHLAUCH IM INDUSTRIE- UND AUTOMOBILBEREICH FÜR FLÜSSIGE MEDIEN MIT ANTEILEN VON LEICHTEN CHEMIKALIEN.



SOTTOSTRATO : GOMMA IN EPDM.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA IN EPDM, RESISTENTE ALL'ABRASIONE, AL CALORE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA D'ACQUA CALDA ANCHE CON CONTENUTI CHIMICI MOLTO LEGGERI NELL'INDUSTRIA.



TUBE : CAOUTCHOUC EPDM.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'ABRASION, A LA CHALEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT D'EAU CHAUDE MEME AVEC UN ADDITIF CHIMIQUE A FAIBLE CONCENTRATION, DANS L'INDUSTRIE.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/2" | 12.7 | 20 | 10 | 145 | 30 | 435 | 280 | 40-46-61 |
| 5/8" | 16 | 23 | 10 | 145 | 30 | 435 | 320 | 40-46-61 |
| 3/4" | 19 | 27 | 10 | 145 | 30 | 435 | 423 | 40-46-61 |
| 1" | 25.4 | 33 | 10 | 145 | 30 | 435 | 476 | 40-46-61 |
| 1 1/4" | 32 | 41 | 10 | 145 | 30 | 435 | 715 | 40-46-61 |
| 1 1/2" | 38 | 47 | 10 | 145 | 30 | 435 | 855 | 40-46-61 |
| 1 3/4" | 44.5 | 54 | 10 | 145 | 30 | 435 | 1050 | 40-46-61 |
| 2" | 50.8 | 60 | 10 | 145 | 30 | 435 | 1125 | 40-46-61 |
| 2 1/2" | 63.5 | 74 | 10 | 145 | 30 | 435 | 1590 | 40-46-61 |
| 2 3/4" | 70 | 82 | 10 | 145 | 30 | 435 | 2118 | 40-46-61 |
| 3" | 76.2 | 88 | 10 | 145 | 30 | 435 | 2120 | 40-46-61 |
| 4" | 101.6 | 115 | 10 | 145 | 30 | 435 | 3135 | 40-46-61 |
| 5" | 127 | 140 | 10 | 145 | 30 | 435 | 3680 | 40-46-61 |
| 6" | 152.4 | 165 | 10 | 145 | 30 | 435 | 4345 | 40-46-61 |
| 8" | 203.2 | 222 | 10 | 145 | 30 | 435 | 8805 | 20 |



-40°C / +125°C
 -40°F / +257°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL ISI-10 HOT WATER DELIVERY HOSE W.P. 10 Bar (145 PSI)

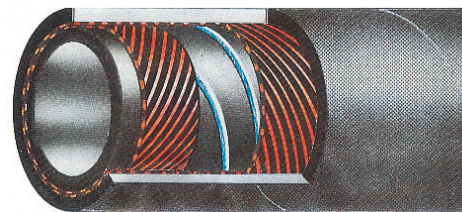
NORMS
 NORMEN
 NORME
 NORMES

ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Hot Water S&D



TUBE : EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT, EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DELIVERY OF HOT WATER WITH VERY LIGHT CHEMICAL CONTENT IN INDUSTRIAL APPLICATIONS.



SEELE : EPDM-GUMMI.
 EINLAGE : HOCHZUGFESTE TEXTILEINLAGE UND STAHLDRAHTSPIRALE.
 DECKE : ABRIEBFEST, WÄRME-, OZON- UND WITTERUNGSBESTÄNDIG, EPDM-GUMMI.
 ANWENDUNG : GEEIGNET ALS SAUG-DRUCKSCHLAUCH IM INDUSTRIEBEREICH FÜR HEISSE FLÜSSIGE MEDIEN MIT ANTEILEN VON LEICHTEN CHEMIKALIEN.



SOTTOSTRATO : GOMMA IN EPDM.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO INCORPORATA.
 COPERTURA : GOMMA IN EPDM RESISTENTE AL CALORE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA D'ACQUA CALDA ANCHE CON CONTENUTI CHIMICI MOLTO LEGGERI NELL'INDUSTRIA.



TUBE : CAOUTCHOUC EPDM.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'ABRASION, A LA CHALEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'EAU CHAUDE MEME AVEC UN ADDITIF CHIMIQUE A FAIBLE CONCENTRATION, DANS L'INDUSTRIE.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 28 | 10 | 145 | 30 | 435 | -0.92 | 70 | 510 | 40-46-61 | |
| 1" | 25.4 | 34 | 10 | 145 | 30 | 435 | -0.92 | 95 | 610 | 40-46-61 | |
| 1 1/4" | 32 | 42 | 10 | 145 | 30 | 435 | -0.92 | 125 | 960 | 40-46-61 | |
| 1 1/2" | 38 | 48 | 10 | 145 | 30 | 435 | -0.92 | 150 | 1130 | 40-46-61 | |
| 2" | 50.8 | 62 | 10 | 145 | 30 | 435 | -0.92 | 215 | 1685 | 40-46-61 | |
| 2 1/2" | 63.5 | 75 | 10 | 145 | 30 | 435 | -0.92 | 280 | 2066 | 40-46-61 | |
| 3" | 76.2 | 89 | 10 | 145 | 30 | 435 | -0.92 | 350 | 2815 | 40-46-61 | |
| 4" | 101.6 | 115 | 10 | 145 | 30 | 435 | -0.92 | 490 | 3797 | 40-46-61 | |



-40°C / +125°C
 -40°F / +257°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

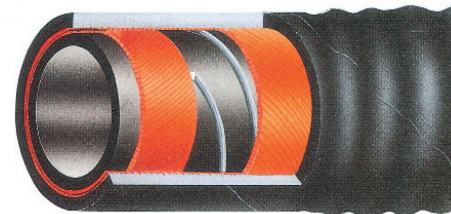


| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Hot Water S&D

CORRUGATED



TUBE : EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT, CORRUGATED EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DELIVERY OF HOT WATER WITH VERY LIGHT CHEMICAL CONTENT IN INDUSTRIAL APPLICATIONS.



SEELE : EPDM-GUMMI.
 EINLAGE : HOCHZUGFESTE TEXTILEINLAGE UND STAHLDRAHTSPIRALE.
 DECKE : ABRIEBFEST, WÄRME-, OZON- UND WITTERUNGSBESTÄNDIG, EPDM-GUMMI, GEWELLT.
 ANWENDUNG : GEEIGNET ALS SAUG-DRUCKSCHLAUCH IM INDUSTRIEBEREICH FÜR HEISSE FLÜSSIGE MEDIEN MIT ANTEILEN VON LEICHTEN CHEMIKALIEN.



SOTTOSTRATO : GOMMA IN EPDM.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO INCORPORATA.
 COPERTURA : GOMMA IN EPDM ONDULATA RESISTENTE AL CALORE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA D'ACQUA CALDA ANCHE CON CONTENUTI CHIMICI MOLTO LEGGERI NELL'INDUSTRIA.



TUBE : CAOUTCHOUC EPDM.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC EPDM ONDULE, RESISTANT A L'ABRASION, A LA CHALEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'EAU CHAUDE MEME AVEC UN ADDITIF CHIMIQUE A FAIBLE CONCENTRATION, DANS L'INDUSTRIE.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 1" | 25.4 | 35 | 10 | 145 | 30 | 435 | -0.92 | 85 | 690 | 40-46-61 | |
| 1 1/4" | 32 | 42 | 10 | 145 | 30 | 435 | -0.92 | 110 | 825 | 40-46-61 | |
| 1 1/2" | 38 | 48 | 10 | 145 | 30 | 435 | -0.92 | 125 | 960 | 40-46-61 | |
| 2" | 50.8 | 63 | 10 | 145 | 30 | 435 | -0.92 | 200 | 1560 | 40-46-61 | |
| 2 1/2" | 63.5 | 74 | 10 | 145 | 30 | 435 | -0.92 | 250 | 1927 | 40-46-61 | |
| 3" | 76.2 | 90 | 10 | 145 | 30 | 435 | -0.92 | 320 | 2785 | 40-46-61 | |
| 4" | 101.6 | 117 | 10 | 145 | 30 | 435 | -0.92 | 450 | 4085 | 40-46-61 | |



-40°C / +125°C
 -40°F / +257°F

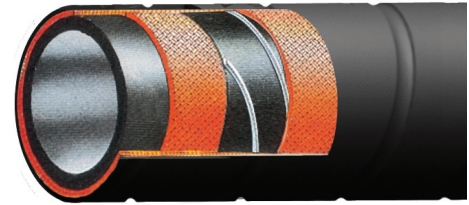
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL ISI SDC HOT WATER S/D HOSE W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Hot Water S&D

FLAT CORRUGATED



TUBE : EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT, FLAT CORRUGATED EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DELIVERY OF HOT WATER WITH VERY LIGHT CHEMICAL CONTENT IN INDUSTRIAL APPLICATIONS.



SEELE : EPDM-GUMMI.
 EINLAGE : HOCHZUGFESTE TEXTILEINLAGE UND STAHLDRAHTSPIRALE.
 DECKE : ABRIEBFEST, WÄRME-, OZON- UND WITTERUNGSBESTÄNDIG, EPDM-GUMMI, GEWELLT.
 ANWENDUNG : GEEIGNET ALS SAUG-DRUCKSCHLAUCH IM INDUSTRIEBEREICH FÜR HEISSE FLÜSSIGE MEDIEN MIT ANTEILEN VON LEICHTEN CHEMIKALIEN.



SOTTOSTRATO : GOMMA IN EPDM.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO INCORPORATA.
 COPERTURA : GOMMA IN EPDM ONDULATA PIATTA RESISTENTE AL CALORE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA D'ACQUA CALDA ANCHE CON CONTENUTI CHIMICI MOLTO LEGGERI NELL'INDUSTRIA.



TUBE : CAOUTCHOUC EPDM.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC EPDM ONDULE PLAT, RESISTANT A L'ABRASION, A LA CHALEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'EAU CHAUDE MEME AVEC UN ADDITIF CHIMIQUE A FAIBLE CONCENTRATION, DANS L'INDUSTRIE.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|-----|--------|------|------|----------|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 27 | | 10 | 145 | 30 | 435 | -0.92 | 50 | 435 | 40-46-61 |
| 1" | 25.4 | 34 | | 10 | 145 | 30 | 435 | -0.92 | 65 | 595 | 40-46-61 |
| 1 1/4" | 32 | 41 | | 10 | 145 | 30 | 435 | -0.92 | 80 | 815 | 40-46-61 |
| 1 1/2" | 38 | 47 | | 10 | 145 | 30 | 435 | -0.92 | 100 | 930 | 40-46-61 |
| 2" | 50.8 | 61 | | 10 | 145 | 30 | 435 | -0.92 | 140 | 1450 | 40-46-61 |
| 2 1/2" | 63.5 | 74 | | 10 | 145 | 30 | 435 | -0.92 | 175 | 1750 | 40-46-61 |
| 3" | 76.2 | 88 | | 10 | 145 | 30 | 435 | -0.92 | 250 | 2310 | 40-46-61 |
| 4" | 101.6 | 115 | | 10 | 145 | 30 | 435 | -0.92 | 350 | 3755 | 40-46-61 |
| 5" | 127 | 143 | | 10 | 145 | 30 | 435 | -0.80 | 440 | 5710 | 40-46-61 |
| 6" | 152.4 | 169 | | 10 | 145 | 30 | 435 | -0.80 | 600 | 7355 | 40-46-61 |



-40°C / +125°C
 -40°F / +257°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

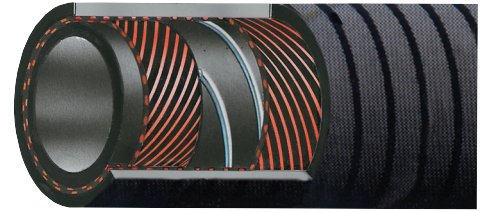


| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Hot Water S&D

CHANNELED



TUBE : EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT, CHANNELED EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DELIVERY OF HOT WATER WITH VERY LIGHT CHEMICAL CONTENT IN INDUSTRIAL APPLICATIONS.



SEELE : EPDM-GUMMI.
 EINLAGE : HOCHZUGFESTE TEXTILEINLAGE UND STAHLDRAHTSPIRALE.
 DECKE : ABRIEBFEST, WÄRME-, OZON- UND WITTERUNGSBESTÄNDIG, EPDM-GUMMI, KÖRDEL GERIPPT
 ANWENDUNG : GEEIGNET ALS SAUG-DRUCKSCHLAUCH IM INDUSTRIEBEREICH FÜR HEISSE FLÜSSIGE MEDIEN MIT ANTEILEN VON LEICHTEN CHEMIKALIEN.



SOTTOSTRATO : GOMMA IN EPDM.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO INCORPORATA.
 COPERTURA : GOMMA IN EPDM GRECATA RESISTENTE AL CALORE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA D'ACQUA CALDA ANCHE CON CONTENUTI CHIMICI MOLTO LEGGERI NELL'INDUSTRIA.



TUBE : CAOUTCHOUC EPDM.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC EPDM ASPECT CRENELLE, RESISTANT A L'ABRASION, A LA CHALEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'EAU CHAUDE MEME AVEC UN ADDITIF CHIMIQUE A FAIBLE CONCENTRATION, DANS L'INDUSTRIE.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 29 | 10 | 145 | 30 | 435 | -0.92 | 40 | 500 | 40-46-61 | |
| 7/8" | 22 | 32 | 10 | 145 | 30 | 435 | -0.92 | 45 | 570 | 40-46-61 | |
| 1" | 25.4 | 35 | 10 | 145 | 30 | 435 | -0.92 | 50 | 615 | 40-46-61 | |
| 1 1/8" | 28 | 38 | 10 | 145 | 30 | 435 | -0.92 | 55 | 735 | 40-46-61 | |
| 1 1/4" | 32 | 42 | 10 | 145 | 30 | 435 | -0.92 | 65 | 810 | 40-46-61 | |
| 1 1/2" | 38 | 48 | 10 | 145 | 30 | 435 | -0.92 | 85 | 1095 | 40-46-61 | |
| 2" | 50.8 | 62 | 10 | 145 | 30 | 435 | -0.92 | 120 | 1350 | 40-46-61 | |
| 2 1/2" | 63.5 | 75 | 10 | 145 | 30 | 435 | -0.92 | 160 | 1785 | 40-46-61 | |
| 3" | 76.2 | 90 | 8 | 116 | 24 | 348 | -0.92 | 190 | 2550 | 40-46-61 | |
| 4" | 101.6 | 117 | 8 | 116 | 24 | 348 | -0.92 | 280 | 3920 | 40-46-61 | |
| 5" | 127 | 146 | 8 | 116 | 24 | 348 | -0.80 | 350 | 6040 | 40-46-61 | |
| 6" | 152.4 | 170 | 8 | 116 | 24 | 348 | -0.80 | 550 | 6670 | 40-46-61 | |



-40°C / +125°C
 -40°F / +257°F

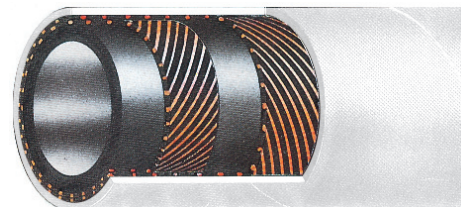
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Glass Fibre Cover Hot Water

Outside Temp. up to 600 °C



TUBE : EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : HEAT (UP TO 600 °C) RESISTANT EPDM RUBBER AND GLASS FIBRE.
 APPLICATION : FOR DISCHARGE OF COOLING WATER IN VERY HIGH AMBIENT TEMPERATURE, IN STEEL MILLS, FOUNDRIES ETC.



SEELE : EPDM-GUMMI.
 EINLAGE : HOCHZUGFESTE TEXTILEINLAGE.
 DECKE : BIS ZU 600 °C HITZEBESTÄNDIGER EPDM-GUMMI MIT GLASFASERUMFLECHTUNG.
 ANWENDUNG : GEEIGNET ALS INDUSTRIESCHLAUCH IN GIEßEREIEN SOWIE STAHLWERKEN MIT HOHEN UMGEBUNGSTEMPERATUREN.



SOTTOSTRATO : GOMMA IN EPDM.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA IN EPDM E FIBRA DI VETRO, RESISTENTE AL CALORE FINO A 600°C.
 IMPIEGO : PER MANDATA D'ACQUA DI RAFFREDDAMENTO NELLE CONDIZIONI AMBIENTALI A TEMPERATURA MOLTO ALTA, ACCIAIERIE, FONDERIE ETC.



TUBE : CAOUTCHOUC EPDM.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE..
 REVETEMENT : CAOUTCHOUC EPDM ET FIBRE DE VERRE, RESISTANT A LA CHALEUR JUSQU'A 600 °C.
 APPLICATION : REFOULEMENT D'EAU DE REFROIDISSEMENT DANS LES MILIEUX OU LA TEMPERATURE EXTERIEURE EST TRES ELEVEE, COMME LES ACIERIES, FONDERIES ETC.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|------|-----|-----|-----|-----|-------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/8" | 9.5 | 18 | 10 | 145 | 30 | 435 | 273 | 40-46-61 |
| 1/2" | 12.7 | 21.5 | 10 | 145 | 30 | 435 | 354 | 40-46-61 |
| 5/8" | 16 | 25 | 10 | 145 | 30 | 435 | 415 | 40-46-61 |
| 3/4" | 19 | 28 | 10 | 145 | 30 | 435 | 482 | 40-46-61 |
| 1" | 25.4 | 34 | 10 | 145 | 30 | 435 | 600 | 40-46-61 |
| 1 1/4" | 32 | 42 | 10 | 145 | 30 | 435 | 817 | 40-46-61 |
| 1 3/8" | 35 | 46 | 10 | 145 | 30 | 435 | 950 | 40-46-61 |
| 1 1/2" | 38 | 50 | 10 | 145 | 30 | 435 | 1170 | 40-46-61 |
| 1 3/4" | 44.5 | 57 | 10 | 145 | 30 | 435 | 1385 | 40-46-61 |
| 2" | 50.8 | 63.5 | 10 | 145 | 30 | 435 | 1640 | 40-46-61 |
| 2 1/2" | 63.5 | 76.5 | 10 | 145 | 30 | 435 | 2035 | 40-46-61 |
| 2 3/4" | 70 | 83 | 10 | 145 | 30 | 435 | 2260 | 40-46-61 |
| 3" | 76.2 | 90 | 10 | 145 | 30 | 435 | 2575 | 40-46-61 |
| 4" | 101.6 | 116 | 10 | 145 | 30 | 435 | 3445 | 40-46-61 |
| 5" | 127 | 142 | 10 | 145 | 30 | 435 | 4310 | 40-46-61 |
| 6" | 152.4 | 167 | 10 | 145 | 30 | 435 | 5160 | 40-46-61 |
| 8" | 203.2 | 221 | 10 | 145 | 30 | 435 | 8275 | 20 |
| 10" | 254 | 274 | 10 | 145 | 30 | 435 | 11800 | 20 |



-40°C / +125°C
 -40°F / +257°F

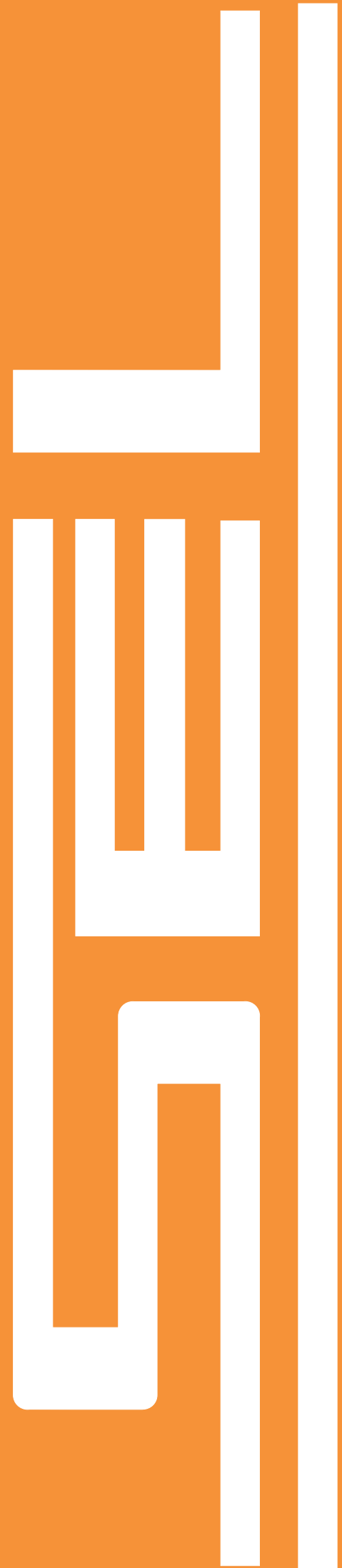
NORMS
 NORMEN
 NORME
 NORMES

ISO 1307

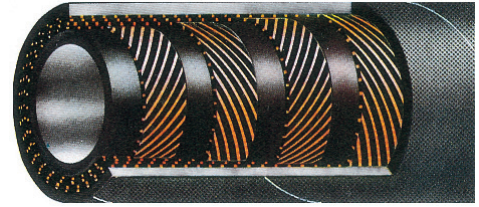
COLOUR
 FARBEN
 COLORI
 COULEUR



Steam
Dampf
Vapore
Vapeur



Textile Steam



TUBE : EPM RUBBER, RESISTANT TO SATURATED STEAM.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, HEAT, STEAM, OZONE AND WEATHER RESISTANT, PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR GENERAL SATURATED STEAM SERVICES AT A MAXIMUM WORKING PRESSURE OF 7 BARS (102 PSI).



SEELE : EPM GUMMI, SATTDAMPFBESTÄNDIG.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEBFEST, DAMPF-, OZON- UND WITTERUNGSBESTÄNDIG, SPEZIELL GEPRICKTER SYNTHETISCHER GUMMI.
 ANWENDUNG : FÜR ANWENDUNGEN MIT SATTDAMPF MIT EINEM MAXIMALEN BETRIEBSDRUCK VON 7 BAR (102 PSI).



SOTTOSTRATO : GOMMA EPM, RESISTENTE AL VAPORE SATURO.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA RESISTENTE AL CALORE, AL VAPORE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PASSAGGIO DI VAPORE SATURO PER USO INDUSTRIALE GENERALE AD UNA PRESSIONE MASSIMA DI ESERCIZIO DI 7 BAR (102 PSI).



TUBE : CAOUTCHOUC EPM, RESISTANT A LA VAPEUR SATUREE..
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL MICRO-PERFORE, RESISTANT A L'ABRASION, A LA CHALEUR, A LA VAPEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR SERVICES GENERAUX DE VAPEUR SATUREE A UNE PRESSION MAXIMALE DE 7 BAR (102 PSI).

| ID | | OD | | WP | | BP | | W | L |
|--------|-------|------|----|-----|-----|------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/8" | 9.5 | 20 | 7 | 102 | 70 | 1015 | 260 | 40-46-61 | |
| 1/2" | 12.7 | 24 | 7 | 102 | 70 | 1015 | 322 | 40-46-61 | |
| 5/8" | 16 | 28 | 7 | 102 | 70 | 1015 | 456 | 40-46-61 | |
| 3/4" | 19 | 31 | 7 | 102 | 70 | 1015 | 525 | 40-46-61 | |
| 1" | 25.4 | 37 | 7 | 102 | 70 | 1015 | 610 | 40-46-61 | |
| 1 1/4" | 32 | 46 | 7 | 102 | 70 | 1015 | 942 | 40-46-61 | |
| 1 1/2" | 38 | 53 | 7 | 102 | 70 | 1015 | 1166 | 40-46-61 | |
| 1 3/4" | 44.5 | 60 | 7 | 102 | 70 | 1015 | 1400 | 40-46-61 | |
| 2" | 50.8 | 67.5 | 7 | 102 | 70 | 1015 | 1747 | 40-46-61 | |
| 2 1/2" | 63.5 | 81 | 7 | 102 | 70 | 1015 | 2229 | 40-46-61 | |
| 3" | 76.2 | 98 | 7 | 102 | 70 | 1015 | 3312 | 40-46-61 | |
| 4" | 101.6 | 124 | 7 | 102 | 70 | 1015 | 4443 | 40-46-61 | |



-40°C / +165°C
 -40°F / +329°F

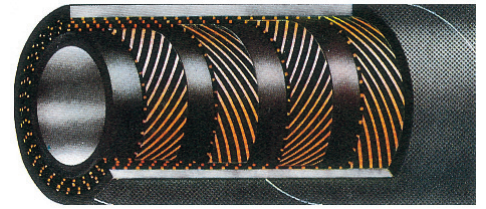
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Textile Steam

ISO 6134-1A



TUBE : EPM RUBBER, RESISTANT TO SATURATED STEAM.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, HEAT, STEAM, OZONE AND WEATHER RESISTANT, PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR GENERAL SATURATED STEAM SERVICES AT A MAXIMUM WORKING PRESSURE OF 6 BARS (87 PSI).



SEELE : EPM GUMMI, SATTDAMPFBESTÄNDIG.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHER KUPFERDRAHT.
 DECKE : ABRIEBFEST, DAMPF-, OZON- UND WITTERUNGSBESTÄNDIG, SPEZIELL GEPRICKTER SYNTHETISCHER GUMMI.
 ANWENDUNG : FÜR ANWENDUNGEN MIT SATTDAMPF MIT EINEM MAXIMALEN BETRIEBSDRUCK VON 6 BAR (87 PSI).



SOTTOSTRATO : GOMMA IN EPM, RESISTENTE AL VAPORE SATURO.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E FILO DI RAME ANTISTATICO.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA RESISTENTE AL CALORE, AL VAPORE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PASSAGGIO DI VAPORE SATURO PER USO INDUSTRIALE GENERALE AD UNA PRESSIONE MASSIMA DI ESERCIZIO DI 6 BAR (87 PSI).



TUBE : CAOUTCHOUC EPM, RESISTANT A LA VAPEUR SATUREE..
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL MICRO-PERFORE, RESISTANT A L'ABRASION, A LA CHALEUR, A LA VAPEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR SERVICES GENERAUX DE VAPEUR SATUREE A UNE PRESSION MAXIMALE DE 6 BAR (87 PSI).

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-----|------|------|-------|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 25 | 25 | 6 | 87 | 60 | 870 | 130 | 390 | 46 |
| 5/8" | 16 | 30 | 30 | 6 | 87 | 60 | 870 | 160 | 560 | 46 |
| 3/4" | 19 | 33 | 33 | 6 | 87 | 60 | 870 | 190 | 630 | 46-61 |
| 1" | 25.4 | 40 | 40 | 6 | 87 | 60 | 870 | 250 | 811 | 46-61 |
| 1 1/4" | 32 | 48 | 48 | 6 | 87 | 60 | 870 | 320 | 1110 | 46-61 |
| 1 1/2" | 38 | 54 | 54 | 6 | 87 | 60 | 870 | 380 | 1275 | 46-61 |
| 2" | 50.8 | 69 | 69 | 6 | 87 | 60 | 870 | 500 | 1885 | 46-61 |
| 2 1/2" | 63.5 | 81 | 81 | 6 | 87 | 60 | 870 | 630 | 2226 | 46-61 |
| 3" | 76.2 | 94 | 94 | 6 | 87 | 60 | 870 | 750 | 2758 | 46-61 |
| 4" | 101.6 | 122 | 122 | 6 | 87 | 60 | 870 | 1000 | 4020 | 46-61 |



-40°C / +165°C
 -40°F / +329°F



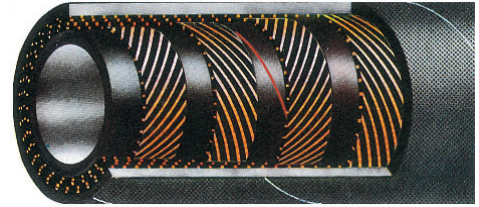
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL BUHAR - 1A STEAM HOSE - TS EN ISO 6134 - 1A - W.P. 6 Bar (87 PSI) - 165 °C - M

| | | | |
|------------------------------------|---|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 6134 TYPE1 CLASS A TS EN ISO 6134 TYPE 1 CLASS A ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|---|---------------------------------------|--|

Textile Steam

ISO 6134-1B - Oil Resistant Cover



TUBE : EPM RUBBER, RESISTANT TO SATURATED STEAM.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, HEAT, STEAM, OIL, OZONE AND WEATHER RESISTANT, PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR GENERAL SATURATED STEAM SERVICES AT A MAXIMUM WORKING PRESSURE OF 6 BARS (87 PSI).



SEELE : EPM GUMMI, SATTDAMPFBESTÄNDIG.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHER KUPFERDRAHT.
 DECKE : ABRIEBFEST, DAMPF-, ÖL-, OZON- UND WITTERUNGSBESTÄNDIG, SPEZIELL GEPRIKTER SYNTHETISCHER GUMMI.
 ANWENDUNG : FÜR ANWENDUNGEN MIT SATTDAMPF MIT EINEM MAXIMALEN BETRIEBSDRUCK VON 6 BAR (87 PSI).



SOTTOSTRATO : GOMMA IN EPM, RESISTENTE AL VAPORE SATURO.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E FILO DI RAME ANTISTATICO.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA RESISTENTE AL CALORE, AL VAPORE, AGLI OLI, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PASSAGGIO DI VAPORE SATURO PER USO INDUSTRIALE GENERALE AD UNA PRESSIONE MASSIMA DI ESERCIZIO DI 6 BAR (87 PSI).



TUBE : CAOUTCHOUC EPM, RESISTANT A LA VAPEUR SATUREE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL MICRO-PERFORE, RESISTANT A L'ABRASION, A LA CHALEUR, A LA VAPEUR, AUX HUILES, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR SERVICES GENERAUX DE VAPEUR SATUREE A UNE PRESSION MAXIMALE DE 6 BAR (87 PSI).

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|------|------|-------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 25 | 6 | 87 | 60 | 870 | 130 | 420 | 46 | |
| 5/8" | 16 | 30 | 6 | 87 | 60 | 870 | 160 | 595 | 46 | |
| 3/4" | 19 | 33 | 6 | 87 | 60 | 870 | 190 | 670 | 46-61 | |
| 1" | 25.4 | 40 | 6 | 87 | 60 | 870 | 250 | 860 | 46-61 | |
| 1 1/4" | 32 | 48 | 6 | 87 | 60 | 870 | 320 | 1180 | 46-61 | |
| 1 1/2" | 38 | 54 | 6 | 87 | 60 | 870 | 380 | 1355 | 46-61 | |
| 2" | 50.8 | 69 | 6 | 87 | 60 | 870 | 500 | 2000 | 46-61 | |
| 2 1/2" | 63.5 | 81 | 6 | 87 | 60 | 870 | 630 | 2350 | 46-61 | |
| 3" | 76.2 | 94 | 6 | 87 | 60 | 870 | 750 | 2875 | 46-61 | |
| 4" | 101.6 | 122 | 6 | 87 | 60 | 870 | 1000 | 4170 | 46-61 | |



-40°C / +165°C
 -40°F / +329°F

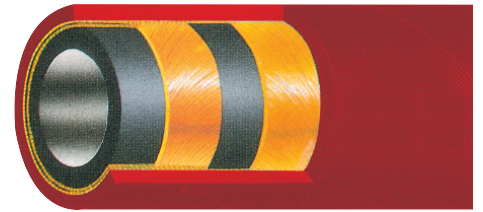
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL BUHAR - 1B STEAM HOSE - TS EN ISO 6134 - 1B - W.P. 6 Bar (87 PSI) - 165 °C - M

| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 6134 TYPE 1 CLASS B TS EN ISO 6134 TYPE 1 CLASS B ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|



Steel Wire Reinforced Steam 200 °C



TUBE : EPM RUBBER. RESISTANT TO SATURATED STEAM.
 REINFORCEMENT : HIGH TENSILE STEEL WIRE CORDS.
 COVER : ABRASION. HEAT. STEAM. OIL. OZONE AND WEATHER RESISTANT. PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SATURATED STEAM SERVICES AT A MAXIMUM WORKING PRESSURE OF 17 BARS (247 PSI) IN CHEMICAL PLANTS. STEEL MILLS. REFINERIES. SHIPYARDS AND ALL INDUSTRIES.



SEELE : EPM GUMMI. SATTDAMPFBESTÄNDIG.
 EINLAGE : HOCHZUGFESTE STAHLKORDEINLAGE.
 DECKE : ABRIEBFEST. HITZE-. DAMPF-. ÖL-. OZON- UND WITTERUNGSBESTÄNDIG. SPEZIELL GEPRICKTER SYNTHETISCHER GUMMI.
 ANWENDUNG : GEEIGNET FÜR ANWENDUNGEN MIT SATTDAMPF MIT MAX. 17 BAR (247 PSI) FÜR CHEMIEINDUSTRIE. STAHLWERKE. RAFFINERIEEN. WERFTEN UND ALLEN INDUSTRIEBEREICHEN.



SOTTOSTRATO : GOMMA EPM. RESISTENTE AL VAPORE SATURO.
 RINFORZO : CORDINE D'ACCIAIO AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA RESISTENTE AL CALORE. AL VAPORE. AGLI OLI. ALL'ABRASIONE. ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : VAPORE SATURO CON UNA PRESSIONE MASSIMA D'ESERCIZIO DI 17 BAR (247 PSI) USATO NEI CANTIERI NAVALI. NEGLI IMPIANTI CHIMICI. NELLE RAFFINERIE ETC.



TUBE : CAOUTCHOUC EPM. RESISTANT A LA VAPEUR SATUREE.
 RENFORCEMENT : NAPPES METALLIQUES HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL MICRO-PERFORE. RESISTANT A L'ABRASION. A LA CHALEUR. A LA VAPEUR. AUX HUILES. A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LA VAPEUR SATUREE AVEC UNE PRESSION MAXIMALE DE 17 BAR (247 PSI) DANS L'INDUSTRIE CHIMIQUE. LES ACIERIES. LES RAFFINERIES. LES CHANTIERS NAVALES ETC.

| ID | | OD | | WP | | BP | | BR/r | | W | | L | |
|--------|-------|------|------|-----|-----|-----|------|------|------|-------|--|-------|--|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m | | m | |
| 1/2" | 12.7 | 24 | 24 | 17 | 247 | 170 | 2465 | 70 | 485 | 40-61 | | 40-61 | |
| 5/8" | 16 | 27 | 27 | 17 | 247 | 170 | 2465 | 80 | 555 | 40-61 | | 40-61 | |
| 3/4" | 19 | 32 | 32 | 17 | 247 | 170 | 2465 | 100 | 720 | 40-61 | | 40-61 | |
| 1" | 25.4 | 38.5 | 38.5 | 17 | 247 | 170 | 2465 | 140 | 955 | 40-61 | | 40-61 | |
| 1 1/4" | 32 | 46 | 46 | 17 | 247 | 170 | 2465 | 200 | 1265 | 40-61 | | 40-61 | |
| 1 1/2" | 38 | 52 | 52 | 17 | 247 | 170 | 2465 | 250 | 1580 | 40-61 | | 40-61 | |
| 2" | 50.8 | 67 | 67 | 17 | 247 | 170 | 2465 | 350 | 2365 | 40-61 | | 40-61 | |
| 2 1/2" | 63.5 | 79.5 | 79.5 | 17 | 247 | 170 | 2465 | 450 | 2970 | 40-61 | | 40-61 | |
| 3" | 76.2 | 93 | 93 | 17 | 247 | 170 | 2465 | 550 | 3880 | 40-61 | | 40-61 | |
| 4" | 101.6 | 124 | 124 | 17 | 247 | 170 | 2465 | 750 | 6595 | 40-61 | | 40-61 | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : Butyl tube
 Auf Anfrage : Butyl Seele
 Su Richiesta : Sottostrato in butile
 Sur Demande : Tube en butyle



-40 °C / +203 °C
 -40 °F / +398 °F

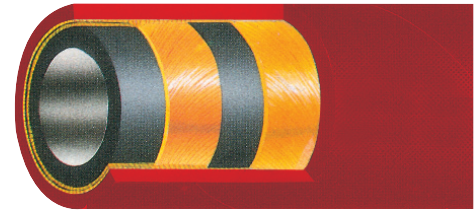
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | EXCEED BS 5342 TYPE 2 CLASS A ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|

Steel Wire Reinforced Steam 210 °C

ISO 6134-2A



TUBE : EPM RUBBER, RESISTANT TO SATURATED STEAM.
 REINFORCEMENT : HIGH TENSILE STEEL WIRE CORDS.
 COVER : ABRASION, HEAT, STEAM, OZONE AND WEATHER RESISTANT, PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SATURATED STEAM SERVICES AT A MAXIMUM WORKING PRESSURE OF 18 BARS (261 PSI) IN CHEMICAL PLANTS, STEEL MILLS, REFINERIES, SHIPYARDS AND ALL INDUSTRIES.



SEELE : EPM GUMMI, SATTDAMPFBESTÄNDIG.
 EINLAGE : HOCHZUGFESTE STAHLKORDEINLAGE.
 DECKE : ABRIEBFEST, HITZE-, DAMPF-, OZON- UND WITTERUNGSBESTÄNDIG, SPEZIELL GEPRICKTER SYNTHETISCHER GUMMI.
 ANWENDUNG : GEEIGNET FÜR ANWENDUNGEN MIT SATTDAMPF MIT MAX. 18 BAR (261 PSI) FÜR CHEMIEINDUSTRIE, STAHLWERKE, RAFFINERIEN, WERFTEN UND ALLEN INDUSTRIEBEREICHEN.



SOTTOSTRATO : GOMMA EPM, RESISTENTE AL VAPORE SATURO.
 RINFORZO : CORDINE D'ACCIAIO AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA RESISTENTE AL CALORE, AL VAPORE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : VAPORE SATURO CON UNA PRESSIONE MASSIMA D'ESERCIZIO DI 18 BAR (261 PSI) USATO NEI CANTIERI NAVALI, NEGLI IMPIANTI CHIMICI, NELLE RAFFINERIE ETC.



TUBE : CAOUTCHOUC EPM, RESISTANT A LA VAPEUR SATUREE.
 RENFORCEMENT : NAPPES METALLIQUES HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL MICRO-PERFORE, RESISTANT A L'ABRASION, A LA CHALEUR, A LA VAPEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LA VAPEUR SATUREE AVEC UNE PRESSION MAXIMALE DE 18 BAR (261 PSI) DANS L'INDUSTRIE CHIMIQUE, LES ACIERIES, LES RAFFINERIES, LES CHANTIERS NAVALS ETC.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|------|------|------|-------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 25 | 18 | 261 | 180 | 2610 | 130 | 530 | 40-61 |
| 5/8" | 16 | 30 | 18 | 261 | 180 | 2610 | 160 | 750 | 40-61 |
| 3/4" | 19 | 33 | 18 | 261 | 180 | 2610 | 190 | 780 | 40-61 |
| 1" | 25.4 | 40 | 18 | 261 | 180 | 2610 | 250 | 1025 | 40-61 |
| 1 1/4" | 32 | 48 | 18 | 261 | 180 | 2610 | 320 | 1410 | 40-61 |
| 1 1/2" | 38 | 54 | 18 | 261 | 180 | 2610 | 380 | 1775 | 40-61 |
| 2" | 50.8 | 69 | 18 | 261 | 180 | 2610 | 500 | 2580 | 40-61 |
| 2 1/2" | 63.5 | 81 | 18 | 261 | 180 | 2610 | 630 | 3160 | 40-61 |
| 3" | 76.2 | 94 | 18 | 261 | 180 | 2610 | 750 | 4015 | 40-61 |
| 4" | 101.6 | 122 | 18 | 261 | 180 | 2610 | 1000 | 6215 | 40-61 |



-40 °C / +210 °C INTERMITTENT TO 232 °C
 -40 °F / +410 °F INTERMITTENT TO 450 °F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

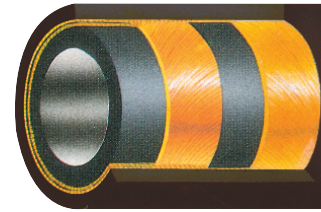
SEL GEYSER - 2A STEAM HOSE - TS EN ISO 6134 - 2A - W.P. 18 Bar (261 PSI) - 210 °C - M

| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN ISO 6134 TYPE 2- CLASS A ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|



Steel Wire Reinforced Steam 210 °C

OIL RESISTANT COVER-ISO 6134-2B



TUBE : EPM RUBBER, RESISTANT TO SATURATED STEAM.
 REINFORCEMENT : HIGH TENSILE STEEL WIRE CORDS.
 COVER : ABRASION, HEAT, STEAM, OIL, OZONE AND WEATHER RESISTANT, PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SATURATED STEAM SERVICES AT A MAXIMUM WORKING PRESSURE OF 18 BARS (261 PSI) IN CHEMICAL PLANTS, STEEL MILLS, REFINERIES, SHIPYARDS AND ALL INDUSTRIES.



SEELE : EPM GUMMI, SATTDAMPFBESTÄNDIG.
 EINLAGE : HOCHZUGFESTE STAHLKORDEINLAGE.
 DECKE : ABRIEBFEST, HITZE-, DAMPF-, ÖL-, OZON- UND WITTERUNGSBESTÄNDIG, SPEZIELL GEPRIKTER SYNTHETISCHER GUMMI.
 ANWENDUNG : GEEIGNET FÜR ANWENDUNGEN MIT SATTDAMPF MIT MAX. 18 BAR (261 PSI) FÜR CHEMIEINDUSTRIE, STAHLWERKE, RAFFINERIEEN, WERFTEN UND ALLEN INDUSTRIEBEREICHEN.



SOTTOSTRATO : GOMMA EPM, RESISTENTE AL VAPORE SATURO.
 RINFORZO : CORDINE D'ACCIAIO AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA RESISTENTE AL CALORE, AL VAPORE, AGLI OLI, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : VAPORE SATURO CON UNA PRESSIONE MASSIMA D'ESERCIZIO DI 18 BAR (261 PSI) USATO NEI CANTIERI NAVALI, NEGLI IMPIANTI CHIMICI, NELLE RAFFINERIE ETC.



TUBE : CAOUTCHOUC EPM, RESISTANT A LA VAPEUR SATUREE.
 RENFORCEMENT : NAPPES METALLIQUES HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL MICRO-PERFORE, RESISTANT A L'ABRASION, A LA CHALEUR, A LA VAPEUR, AUX HUILES, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LA VAPEUR SATUREE AVEC UNE PRESSION MAXIMALE DE 18 BAR (261 PSI) DANS L'INDUSTRIE CHIMIQUE, LES ACIERIES, LES RAFFINERIES, LES CHANTIERI NAVALS ETC.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|------|------|------|-------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 25 | 18 | 261 | 180 | 2610 | 130 | 560 | 40-61 |
| 5/8" | 16 | 30 | 18 | 261 | 180 | 2610 | 160 | 780 | 40-61 |
| 3/4" | 19 | 33 | 18 | 261 | 180 | 2610 | 190 | 815 | 40-61 |
| 1" | 25.4 | 40 | 18 | 261 | 180 | 2610 | 250 | 1070 | 40-61 |
| 1 1/4" | 32 | 48 | 18 | 261 | 180 | 2610 | 320 | 1490 | 40-61 |
| 1 1/2" | 38 | 54 | 18 | 261 | 180 | 2610 | 380 | 1865 | 40-61 |
| 2" | 50.8 | 69 | 18 | 261 | 180 | 2610 | 500 | 2695 | 40-61 |
| 2 1/2" | 63.5 | 81 | 18 | 261 | 180 | 2610 | 630 | 3205 | 40-61 |
| 3" | 76.2 | 94 | 18 | 261 | 180 | 2610 | 750 | 4175 | 40-61 |
| 4" | 101.6 | 122 | 18 | 261 | 180 | 2610 | 1000 | 6425 | 40-61 |



-40 °C / +210 °C INTERMITTENT TO 232 °C
 -40 °F / +410 °F INTERMITTENT TO 450 °F

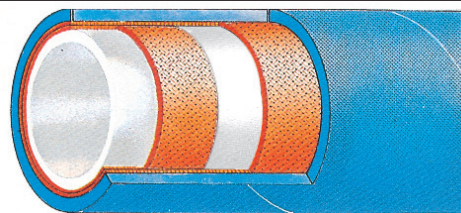


MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL GEYSER - 2B STEAM HOSE - TS EN ISO 6134 - 2B - W.P. 18 Bar (261 PSI) - 210 °C - M

| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN ISO 6134 TYPE 2- CLASS B ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|

Dairy Steam-Wash



TUBE : WHITE OIL AND STEAM RESISTANT, ODOUR FREE SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : OIL, HEAT, ABRASION, OZONE AND WEATHER RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR CLEANING IN FOOD PROCESSING PLANTS (DAIRIES, ABATTOIRS ETC.) WITH HOT WATER AND STEAM.



SEELE : ÖL- UND DAMPF BESTÄNDIG, SPEZIELLER SYNTHETISCHER GUMMI, WEISS.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILENLAGE.
 DECKE : ABRIEFEST, ÖL-, HITZE-, OZON- UND WITTERUNGSBESTÄNDIGER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : FÜR REINIGUNGSARBEITEN IN DER NAHRUNGSMITTELINDUSTRIE (MOLKEREIEN - SCHLACHTHÖFE) MIT HEISSWASSER UND SATTDAMPF.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA BIANCA, ANTI ODORE, RESISTENTE AGLI OLI ED AL VAPORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI, AL CALORE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER LAVAGGIO CON ACQUA CALDA E VAPORE NELL'INDUSTRIA ALIMENTARE, NEI MACELLI ETC.



TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL BLANC, ANTI ODEUR RESISTANT A LA VAPEUR ET AUX HUILES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A LA CHALEUR, AUX HUILES, A L'OZONE ET AUX AGENTS ATMOSPERIQUES.
 APPLICATION : POUR LE NETTOYAGE A L'EAU ET A LA VAPEUR DANS L'INDUSTRIE ALIMENTAIRE, LES ABATTOIRS, LES FROMAGERIES ETC.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|------|-----|-----|-----|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/8" | 9.5 | 20 | 7 | 102 | 70 | 1015 | 295 | 40-46-61 |
| 1/2" | 12.7 | 24 | 7 | 102 | 70 | 1015 | 408 | 40-46-61 |
| 5/8" | 16 | 28 | 7 | 102 | 70 | 1015 | 508 | 40-46-61 |
| 3/4" | 19 | 31 | 7 | 102 | 70 | 1015 | 595 | 40-46-61 |
| 1" | 25.4 | 37 | 7 | 102 | 70 | 1015 | 684 | 40-46-61 |
| 1 1/4" | 32 | 46 | 7 | 102 | 70 | 1015 | 1070 | 40-46-61 |
| 1 1/2" | 38 | 53 | 7 | 102 | 70 | 1015 | 1343 | 40-46-61 |
| 1 3/4" | 44.5 | 60 | 7 | 102 | 70 | 1015 | 1567 | 40-46-61 |
| 2" | 50.8 | 67.5 | 7 | 102 | 70 | 1015 | 1968 | 40-46-61 |
| 2 1/2" | 63.5 | 81 | 7 | 102 | 70 | 1015 | 2504 | 40-46-61 |
| 3" | 76.2 | 98 | 7 | 102 | 70 | 1015 | 3660 | 40-46-61 |
| 4" | 101.6 | 124 | 7 | 102 | 70 | 1015 | 4825 | 40-46-61 |



-40°C / +125°C STEAM UP TO 165 °C
 -40°F / +257°F STEAM UP TO 329 °F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|---|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA AND EUROPEAN REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|---|---------------------------------------|--|



Security Instructions For Steam Hoses

Selection of Steam Hose

- Make sure that the selected hose satisfies steam hose construction requirements.
- The permanent branding on the hose outer cover must give hose identification information.
- You must identify the type of service the steam hose is being asked to accomplish.
 - a) Is the hose manually handled?
 - b) What is the anticipated frequency of use?
 - c) What is the pressure of the steam service?
 - d) Is it subject to peak pressures?
 - e) What is the temperature of the steam?
 - f) Saturated or superheated steam?
 - g) Specify the external conditions in the area where the hose will be serviced.
- You should know that accumulation of corrosive petroleum or chemical based materials externally can have a deteriorating effect on hose cover.

Installation of Steam Hose

- It is necessary to avoid the alternative use of the hose as water and steam which causes a phenomenon of 'popcorn'.
- You must ensure that the hose couplings are designed for steam hose service. Steam hose couplings use a bolt-on outside clamp which can be retightened as necessary over the service life of the hose. Follow the coupling manufacturer's instructions for coupling attachment. Check tightness with each use.
- Avoid extreme bending of the hose near the coupling.
- Provide a suitable means of storing the hose when not in use. A permanent tray will minimize the damage to the hose in storage. Do not hang the hose on a hook, nail or other device which could damage the hose.

Safety

- The operators must use gloves, rubber boots, full length protective clothing and eye protection. The objective is to provide protection from scalding burns resulting from splash-back of steam.
- The working area must be free of hazards and other clutter.
- Check tightness of coupling bolts with each use.
- Turning off the pressure, when the hose is not in service, can provide dramatic increases in steam hose service life.

Periodic Maintenance and Control of Steam Hose

All steam hoses are expected to wear out in a time period. It's important to continually check the hose for deterioration to the point where it can no longer provide safe service. The operator should be aware of the following signs of trouble:

- Cover blister or lumps.
- Cuts in the outside of the hose which expose the reinforcement.
- Steam leakages at the coupling ends or anywhere along the length of the hose.
- Flattened or kinked areas which have damaged the hose.
- Steam flow reduction indicates that the tube is swelling.
- When any of the above abnormalities appear it is good safety practice to immediately remove the hose from service. Once removed, the hose can be carefully inspected before further use. Steam hose failures frequently occur near the ends due to flexing and strain at the couplings. In these cases the hose can usually be cut back and recoupled, providing additional service life. When the hose is subject to continuous high pressure/temperature service should be inspected periodically for signs of tube hardening. In most cases it is necessary to remove a coupling for tube inspection.

Safety Warning

Contact with steam is dangerous and if not properly handled, steam can cause damage to property, serious injuries and even death. In order to avoid damage to property, serious injury or death you must select the proper steam hose for the given application. Appropriate installation, usage and maintenance of the steam hose you select will contribute to increasing operator safety. The following information is offered to assist you in each area.

| Properties of Saturated Steam | | | |
|-------------------------------|-----|--------------------------------|-----|
| Working Pressure | | Temperature of Saturated Steam | |
| kg/cm ² | psi | °C | °F |
| 1 | 14 | 99 | 210 |
| 2 | 28 | 120 | 248 |
| 3 | 43 | 133 | 272 |
| 4 | 57 | 143 | 290 |
| 5 | 71 | 151 | 304 |
| 6 | 85 | 158 | 316 |
| 7 | 99 | 164 | 328 |
| 8 | 114 | 170 | 338 |
| 9 | 128 | 175 | 348 |
| 10 | 142 | 179 | 354 |
| 11 | 156 | 183 | 362 |
| 12 | 170 | 187 | 368 |
| 13 | 185 | 191 | 376 |
| 14 | 199 | 194 | 382 |
| 15 | 213 | 197 | 386 |
| 16 | 227 | 200 | 392 |
| 17 | 241 | 203 | 398 |
| 18 | 256 | 206 | 403 |
| 19 | 270 | 209 | 408 |
| 20 | 284 | 211 | 412 |
| 22 | 312 | 216 | 421 |
| 24 | 341 | 221 | 430 |
| 26 | 369 | 225 | 438 |

Cleaning

It can be washed and sterilised with usual detergents or steam cleaned to a temperature of +120°C (+248°F) for short periods.

Recommendations

The hose must be left empty after use.

Sicherheitshinweise für Dampfschläuche

- Verwenden Sie ausschliesslich Schläuche welche deutlich als Dampfschlauch markiert sind
- Dampfschläuche müssen zweckentsprechend auf dem Schlauch selbst dauerhaft gekennzeichnet sein
- Die Einsatzbedingungen für Dampfschläuche müssen entsprechend folgendem Schema kontrolliert werden:
 - a) Werden die Schläuche von Hand bewegt
 - b) In welchen Zeitabständen soll der Schlauch eingesetzt werden
 - c) Wie hoch ist der Systemdruck
 - d) Treten Druckspitzen auf
 - e) Temperatur des Dampfes
 - f) Handelt es sich um Sattdampf oder überhitzten Dampf
 - g) Welche Umwelteinflüsse wirken auf den Schlauch ein
- Vermeiden Sie Kontakt der Schlauchdecke mit Ölen oder Chemikalien, da dies die Lebensdauer des Schlauches stark beeinträchtigen kann.

Einbindung des Schlauches

- Der Schlauch darf nur für dampfarbeiten benutzt werden. Nach jedem Gebrauch muss der Schlauch vom kondensiertem Wasser befreit werden. (Ansonsten kann der Porcorn-Effekt auftreten).
- Verwenden Sie ausschliesslich Schlaucharmaturen welche für den Einsatz mit Dampfschläuchen geeignet sind. Verwenden Sie ausschliesslich geeignete Schalenschalensysteme welche über die Lebensdauer der Schlauchleitung nachgestellt werden können. Klemmschalen sollten vor jedem Einsatz auf Dichtigkeit geprüft werden.
- Vermeiden Sie starkes Abknicken des Schlauches hinter der Armatur
- Lagerung der Schläuche sollte in geeigneten Paletten oder Regalsystemen erfolgen.

Sicherheit

- Arbeiter müssen geeignete Handschuhe, Arbeitstiefel oder Arbeitsschuhe, Arbeitsanzug und Schutzbrille tragen.
- Am Einsatzort für optimale Arbeitsbedingungen sorgen.
- Vor dem Einsatzbeginn die Anschlüsse kontrollieren.
- Vor dem Einsatzbeginn äußere Sichtkontrolle auf dem Schlauch durchführen und auf äußere Schäden durchsuchen.
- Nach dem Einsatz sofort den Schlauch vom Druck entlasten.

Periodische Kontrollen des Dampfschlauches

Nach einer bestimmten Laufzeit wird der Schlauch abgenutzt. Wichtig ist dabei, dass man durch periodische Kontrollen die letzte Einsatzzeit feststellt.

Die verantwortliche Person muss die u.g. Fehler beachten:

- Blasenbildung auf der Decke
- Einschnitte in der Decke bis auf die EINLAGE
- Dampfleckage an den Kupplungen oder der Schlauchleitung
- Spannungs- und Knickfreiheit
- Nicht über den zulässigen Biegeradius beanspruchen
- Biegungen im Kupplungsbereich vermeiden

Der Schlauch muss sofort unter den Sicherheitsaspekten demontiert und entfernt werden, wenn die o.g. Situationen vorkommen. Der Schlauch muss bei dem folgenden Einsatz sorgfältig kontrolliert werden. Die Mängel an dem Schlauch entstehen an den Biegeradien und an den Schlauchstützen. In solchen Situationen, wird für einen Wiedergebrauch der Schlauch an diesen Punkten geschnitten und wieder eingebunden. Beim durchlaufenden Einsatz des Schlauches unter Hochdruck und -temperatur wird der Schlauch härter. Bei der Schlauchkontrolle werden die Schlauchkupplungen entfernt.

Die Eigenschaften des Sattdampfes

| Betriebsdruck | | Temperatur des Sattdampfes | |
|--------------------|-----|----------------------------|-----|
| kg/cm ² | psi | °C | °F |
| 1 | 14 | 99 | 210 |
| 2 | 28 | 120 | 248 |
| 3 | 43 | 133 | 272 |
| 4 | 57 | 143 | 290 |
| 5 | 71 | 151 | 304 |
| 6 | 85 | 158 | 316 |
| 7 | 99 | 164 | 328 |
| 8 | 114 | 170 | 338 |
| 9 | 128 | 175 | 348 |
| 10 | 142 | 179 | 354 |
| 11 | 156 | 183 | 362 |
| 12 | 170 | 187 | 368 |
| 13 | 185 | 191 | 376 |
| 14 | 199 | 194 | 382 |
| 15 | 213 | 197 | 386 |
| 16 | 227 | 200 | 392 |
| 17 | 241 | 203 | 398 |
| 18 | 256 | 206 | 403 |
| 19 | 270 | 209 | 408 |
| 20 | 284 | 211 | 412 |
| 22 | 312 | 216 | 421 |
| 24 | 341 | 221 | 430 |
| 26 | 369 | 225 | 438 |

Sicherheitshinweis

Dampf hat ein hohes Gefahrenpotential. Freikommender Dampf kann zu schwerwiegenden Verletzungen oder Schäden führen. Verwenden Sie ausschliesslich Dampfschläuche welche für den entsprechenden Einsatz geeignet sind! Befolgen Sie konsequent allgemeine Sicherheitsrichtlinien und gültige Arbeitsschutzbestimmungen.

Waschempfehlung

Wäsche und Sterilisation mit üblichen Zusätzen kann durchgeführt werden. Sterilisation erfolgt bei +120°C (+248°F).

Empfehlung

Nach Gebrauch muss der Schlauch entleert werden.

Istruzioni di Sicurezza per Tubi Vapore

Scelta del Tubo Flessibile

- Assicuratevi di scegliere un tubo specificatamente costruito per l'impiego con vapore.
- Il tubo deve riportare l'impiego con vapore mediante una marcatura indelebile sulla copertura e non solo sull'imballo.
- E' necessario inoltre determinare la tipologia dell'applicazione per cui il tubo è stato e realizzato.
 - a) Il tubo viene usato manualmente?
 - b) Qual' è la frequenza di utilizzo prevista?
 - c) Qual' è la pressione di vapore prevista nell'impiego?
 - d) Sono previsti picchi di pressione nell'impianto?
 - e) Qual' è la temperatura del vapore?
 - f) Vapore saturo (contenente umidità) oppure vapore surriscaldato (secco)?
 - g) Quali sono le condizioni dell'ambiente esterno in cui il tubo si trova a lavorare?
- Fate attenzione a perdite, trasudamenti o accumulo di sostanze chimiche che si possono verificare sul tubo,perche sono causa di un rapido deterioramento della copertura.

Montaggio del Tubo Flessibile

- Per non provocare un fenomeno di 'popcorn' nel tubo e necessario di evitare l'uso alternativo dell'acqua e vapore
- Assicuratevi di utilizzare sempre raccordi appositamente progettati per l'impiego con vapore. Questi raccordi sono realizzati in due semi-parti che bloccano il tubo flessibile tramite dei bulloni regolabili per garantire la stessa percentuale di compressione in ogni momento dell'esercizio. Seguire scrupolosamente le istruzioni di montaggio fornite dal produttore di raccordi avendo cura di controllare e mantenere sempre costante la pressione del raccordo sul tubo.
- Evitare raggi di curvatura eccessivi nella zona del tubo flessibile vicina al raccordo.
- Assicuratevi un idoneo immagazzinamento del tubo al termine dell'impiego, evitando di appendere il tubo su ganci o parti taglienti che possano arrecare danni permanenti alla struttura della tubazione.

Sicurezza

- Fornite agli operatori adeguate protezioni personali, quali guanti e stivali di gomma ed abbigliamento altamente protettivo. Lo scopo è quello di proteggere l'operatore da eventuali rischi derivanti da fuoriuscite del vapore o dell'acqua calda.
- Verificare che la zona di impiego sia libera da eventuali altri rischi o pericoli.
- Controllate ad ogni impiego il serraggio dei bulloni dei raccordi.
- Non lasciare i tubi in pressione se non durante l'impiego. Chudere la pressione a fine impiego contribuisce ad aumentare notevolmente la vita del tubo flessibile.

Manutenzione Periodica ed Ispezione dei Tubi Flessibili

I tubi flessibili per vapore sono soggetti ad un deterioramento nel tempo. E' importante, quindi ispezionare periodicamente i tubi in esercizio e sostituirli immediatamente nel caso non forniscano piu' le garanzie di efficienza richieste. L'operatore dovrà prontamente riconoscere i seguenti sintomi di pericolo:

- Rotture o screpolatura della copertura.
- Tagli nella copertura con evidenza visiva della treccia di rinforzo e conseguenti rischi di corrosione del filo di acciaio..
- Perdite di vapore dai raccordi o lungo il tubo.
- Aree schiacciate o fortemente curvate sul tubo in esercizio.
- Una riduzione nella portata di vapore significa rischio di rigonfiamento del tubo.

Quando si verifica uno di questi fatti, si raccomanda di sostituire il tubo flessibile. Una volta disassemblato il tubo può essere ispezionato e se tutto va bene, nuovamente riassembleto. La maggior parte delle rotture dei tubi per vapore si verifica nella zona della raccordatura.

Caratteristiche Del Vapore Saturo

| Pressione d'Esercizio | | Tempratura del Vapore Saturo | |
|-----------------------|-----|------------------------------|-----|
| kg/cm ² | psi | °C | °F |
| 1 | 14 | 99 | 210 |
| 2 | 28 | 120 | 248 |
| 3 | 43 | 133 | 272 |
| 4 | 57 | 143 | 290 |
| 5 | 71 | 151 | 304 |
| 6 | 85 | 158 | 316 |
| 7 | 99 | 164 | 328 |
| 8 | 114 | 170 | 338 |
| 9 | 128 | 175 | 348 |
| 10 | 142 | 179 | 354 |
| 11 | 156 | 183 | 362 |
| 12 | 170 | 187 | 368 |
| 13 | 185 | 191 | 376 |
| 14 | 199 | 194 | 382 |
| 15 | 213 | 197 | 386 |
| 16 | 227 | 200 | 392 |
| 17 | 241 | 203 | 398 |
| 18 | 256 | 206 | 403 |
| 19 | 270 | 209 | 408 |
| 20 | 284 | 211 | 412 |
| 22 | 312 | 216 | 421 |
| 24 | 341 | 221 | 430 |
| 26 | 369 | 225 | 438 |

Raccomandazioni per la Sicurezza

L'esposizione al vapore e' pericolosa. Se non propriamente controllato il vapore può causare danni a cose, proprietà e persino causare la morte. Risulta pertanto indispensabile una scelta corretta del tipo di tubo più idoneo all'applicazione richiesta. Una corretta scelta del tubo più idoneo contribuisce anche alla sicurezza personale dell'operatore. Fate riferimento alla tabella seguente per meglio identificare il rapporto temperatura / pressione negli utilizzi con vapore.

Sterilizzazione

Può essere lavato internamente con acqua e soda, soluzioni sterilizzanti o vapore alla temperatura massima di +120°C.

Raccomandazioni per L'utilizzo

Si consiglia di svuotare il tubo dopo l'impiego.

Instructions de Sécurité Pour Tuyaux de Vapeur

Choix du tuyau de vapeur

- Assurez-vous que le tuyau de vapeur choisi répond aux besoins de l'utilisation.
- Le marquage qui se trouve sur le tuyau doit contenir des informations descriptives.
- Pour définir le type de service du tuyau de vapeur il faut répondre aux questions ci-dessous:
 - a) Le tuyau sera-t-il manipulé à la main?
 - b) Quelle est la fréquence d'utilisation prévue?
 - c) Quelle est la pression de vapeur?
 - d) Le tuyau subit-il des pointes de pression?
 - e) Quelle est la température de vapeur?
 - f) La vapeur est-elle saturée ou surchauffée?
 - g) Le tuyau subit-il des contraintes extérieures?
- Par exemple les matières à base chimique et les dérivés de pétrole à effet corrosif causeront des dégradations sur la surface externe du tuyau.

Utilisation du tuyau

- Il est nécessaire d'éviter le fonctionnement alternatif du tuyau en eau et en vapeur qui cause un phénomène de 'pop corn'.
- Contrôler la conformité des raccords au tuyau de vapeur. Pour assurer le fonctionnement correcte des raccords pendant la vie du tuyau, utiliser des raccords avec colliers de serrage qui pourront être resserrés. Lorsque vous faites l'assemblage conformez-vous aux instructions du producteur de raccord. A chaque utilisation contrôlez la tenue des raccords.
- Eviter un cintrage excessif du tuyau dans les zones proches des raccords.
- Quand le tuyau de vapeur n'est pas utilisé, conservez-le dans des conditions de stockage convenables. S'il est enroulé sur un touret adapté, les dommages dus au stockage seront minimisés. N'accrochez pas le tuyau à un crochet, un clou ou un objet qui pourrait l'endommager.

Sécurité

- La personne qui utilise le tuyau de vapeur, doit utiliser des bottes en caoutchouc, des vêtements de sécurité, des gants et des lunettes. Le but étant de se protéger des brûlures lors de l'utilisation.
- L'espace de travail doit être dégagé.
- A chaque utilisation contrôler la fixation des raccords.
- Lorsque le tuyau n'est pas en service, il faut couper la vapeur.

Entretien périodique et contrôles de tuyau de vapeur

- Les tuyaux de vapeur se détériorent dans le temps. Il est important de contrôler continuellement le tuyau afin d'évaluer les dégradations qui peuvent affecter la sécurité d'utilisation. Les utilisateurs doivent donc faire attention aux signes ci-dessous :
- Les gonflements et les craquelures à la surface du tuyau.
- Les déchirures à la surface du tuyau qui font apparaître le renforcement.
- Une fuite de vapeur auprès du raccord ou le long du tuyau.
- Les écrasements ou les cassures qui ont pu éventuellement endommager le tuyau.
- Les réductions de débit de vapeur sont signe de gonflement du tube interne du tuyau.
- Lorsque vous rencontrez un des signes ci-dessus, le tuyau de vapeur doit être immédiatement mis hors service. Le tuyau mis hors service ne doit pas être utilisé sans être soumis à un contrôle attentif. Les tuyaux de vapeur se détériorent fréquemment au niveau des raccords. Si tel est le cas, couper la zone endommagée et fixer un nouveau raccord. Si le tuyau de vapeur fonctionne continuellement sous haute pression et chaleur importante, il faut contrôler périodiquement si le tube interne du tuyau se durcit. Souvent pour contrôler le tuyau, il faut démonter les raccords.

Propriétés vapeur saturée

| Pression de travail | | Chaleur de la vapeur saturée | |
|---------------------|-----|------------------------------|-----|
| kg/cm ² | psi | °C | °F |
| 1 | 14 | 99 | 210 |
| 2 | 28 | 120 | 248 |
| 3 | 43 | 133 | 272 |
| 4 | 57 | 143 | 290 |
| 5 | 71 | 151 | 304 |
| 6 | 85 | 158 | 316 |
| 7 | 99 | 164 | 328 |
| 8 | 114 | 170 | 338 |
| 9 | 128 | 175 | 348 |
| 10 | 142 | 179 | 354 |
| 11 | 156 | 183 | 362 |
| 12 | 170 | 187 | 368 |
| 13 | 185 | 191 | 376 |
| 14 | 199 | 194 | 382 |
| 15 | 213 | 197 | 386 |
| 16 | 227 | 200 | 392 |
| 17 | 241 | 203 | 398 |
| 18 | 256 | 206 | 403 |
| 19 | 270 | 209 | 408 |
| 20 | 284 | 211 | 412 |
| 22 | 312 | 216 | 421 |
| 24 | 341 | 221 | 430 |
| 26 | 369 | 225 | 438 |

Avertissement de sécurité

Le contact avec la vapeur est dangereux. Si elle n'est pas transportée convenablement, la vapeur peut causer des dommages, des blessures graves et la mort. La sélection d'un mauvais tuyau de vapeur peut causer des blessures mortelles. L'utilisation correcte du tuyau, le stockage et les contrôles augmenteront la sécurité de la personne qui utilise le tuyau. Les informations de suggestion ci-dessous pour les espaces d'utilisation, ont été préparées à fin de vous aider.

Nettoyage

Le tuyau de vapeur doit être nettoyé avec des détergents convenables ou pour la stérilisation une vapeur propre à +120°C (+248°F) peut être appliquée brièvement.

Suggestions

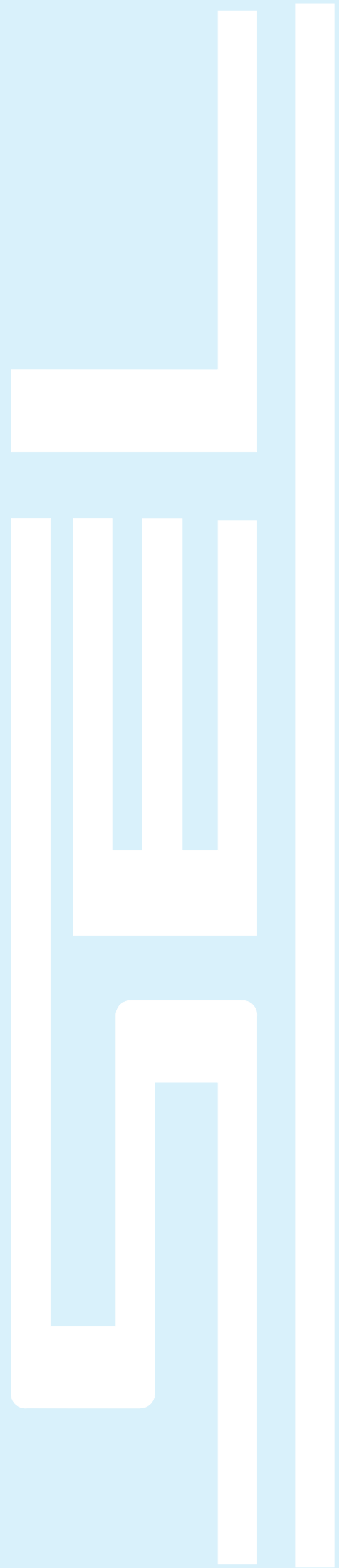
Après l'utilisation l'intérieur du tuyau doit être laissé sec et propre.

Hot Air Blower

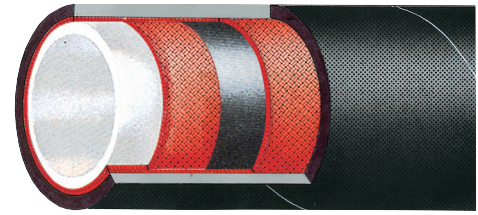
Heißluft- Kompressor


Aria Calda


Air Chaud





Hot Air Blower



 TUBE : HEAT RESISTANT WHITE EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT EPDM RUBBER.
 APPLICATION : TRANSFER OF HOT AND DRY AIR FROM COMPRESSOR TO TANK TRUCK.

 SEELE : HITZEBESTÄNDIGER EPDM GUMMI, WEISS.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEFEST, OZON- UND WETTERBESTÄNDIGER EPDM GUMMI.
 ANWENDUNG : GEEIGNET ALS KOMPRESSORSCHLAUCH ZUR BEFÖRDERUNG VON HEISS- UND TROCKENLUFT.

 SOTTOSTRATO : GOMMA IN EPDM BIANCA RESISTENTE AL CALORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA IN EPDM, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA D'ARIA CALDA SECCA DAL COMPRESSORE ALLA CISTERNA DEL CAMION.

 TUBE : CAOUTCHOUC EPDM BLANC, RESISTANT A LA CHALEUR.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LE TRANSFERT DE L'AIR CHAUD ET SEC, ENTRE LES COMPRESSEURS ET LES CITERNES DE CAMIONS.


| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1" | 25.4 | 39 | 10 | 145 | 30 | 435 | 825 | 40-46-61 |
| 1 1/4" | 32 | 46 | 10 | 145 | 30 | 435 | 995 | 40-46-61 |
| 1 1/2" | 38 | 54 | 10 | 145 | 30 | 435 | 1405 | 40-46-61 |
| 2" | 50.8 | 68 | 10 | 145 | 30 | 435 | 1955 | 40-46-61 |
| 2 1/2" | 63.5 | 81 | 10 | 145 | 30 | 435 | 2390 | 40-46-61 |
| 3" | 76.2 | 94 | 10 | 145 | 30 | 435 | 2810 | 40-46-61 |
| 4" | 101.6 | 120 | 10 | 145 | 30 | 435 | 3851 | 40-46-61 |



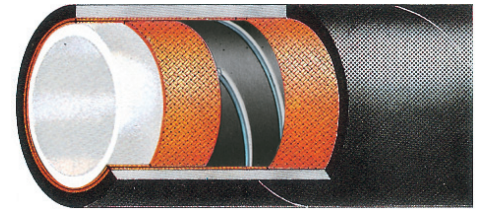
-40°C / +200°C INTERMITTENT TO 240 °C
 -40°F / +392°F INTERMITTENT TO 464 °F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL ALIZE 200 °C HOT AIR BLOWER HOSE - W.P. 10 Bar (145 PSI) 

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|--|

Hot Air Blower S&D



TUBE : HEAT RESISTANT WHITE EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT EPDM RUBBER.
 APPLICATION : TRANSFER OF HOT AND DRY AIR FROM COMPRESSOR TO TANK TRUCK. ESPECIALLY WHERE REDUCED BENDING RADIUS IS REQUIRED.



SEELE : HITZEBESTÄNDIGER EPDM GUMMI, WEISS.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND STAHLDRAHTSPIRALE.
 DECKE : ABRIEBFEST, OZON- UND WETTERBESTÄNDIGER EPDM GUMMI.
 ANWENDUNG : GEEIGNET ALS KOMPRESSORSCHLAUCH ZUR BEFÖRDERUNG VON HEISS- UND TROCKENLUFT MIT EINEM SEHR GERINGEN BIEGERADIUS.



SOTTOSTRATO : GOMMA IN EPDM BIANCA RESISTENTE AL CALORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO INCORPORATA.
 COPERTURA : GOMMA IN EPDM, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA D'ARIA CALDA SECCA DAL COMPRESSORE ALLA CISTERNA DEL CAMION. SPECIALMENTE DA UTILIZZARE DOVE RICHIESTI RAGGI DI CURVATURA RIDOTTI.



TUBE : CAOUTCHOUC EPDM BLANC, RESISTANT A LA CHALEUR.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LE TRANSFERT DE L'AIR CHAUD ET SEC, ENTRE LES COMPRESSEURS ET LES CITERNES DE CAMIONS. EN PARTICULIER LA OU UN RAYON DE COURBURE REDUIT EST DEMANDE.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|-----|--------|------|------|----------|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 1" | 25.4 | 36 | | 10 | 145 | 30 | 435 | -0.92 | 55 | 646 | 40-46-61 |
| 1 1/4" | 32 | 42 | | 10 | 145 | 30 | 435 | -0.92 | 70 | 787 | 40-46-61 |
| 1 1/2" | 38 | 50 | | 10 | 145 | 30 | 435 | -0.92 | 90 | 1290 | 40-46-61 |
| 2" | 50.8 | 64 | | 10 | 145 | 30 | 435 | -0.92 | 150 | 1765 | 40-46-61 |
| 2 1/2" | 63.5 | 78 | | 10 | 145 | 30 | 435 | -0.92 | 200 | 2385 | 40-46-61 |
| 3" | 76.2 | 91 | | 10 | 145 | 30 | 435 | -0.92 | 250 | 2815 | 40-46-61 |
| 4" | 101.6 | 116 | | 10 | 145 | 30 | 435 | -0.92 | 460 | 3675 | 40-46-61 |

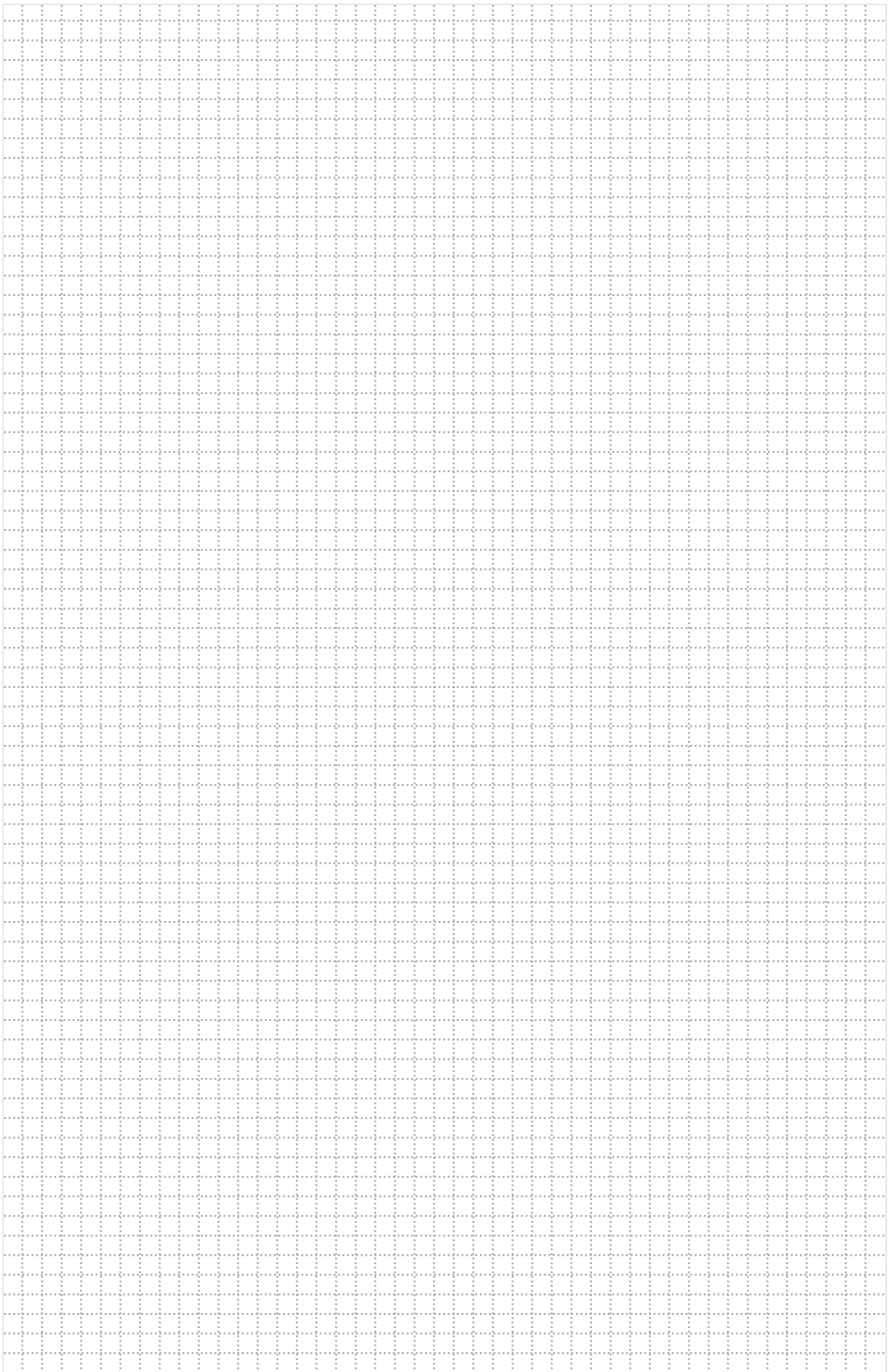


-40 °C / +200 °C INTERMITTENT TO 240 °C
 -40 °F / +392 °F INTERMITTENT TO 464 °F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL ALIZE SD 200 °C HOT AIR BLOWER S/D HOSE - W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

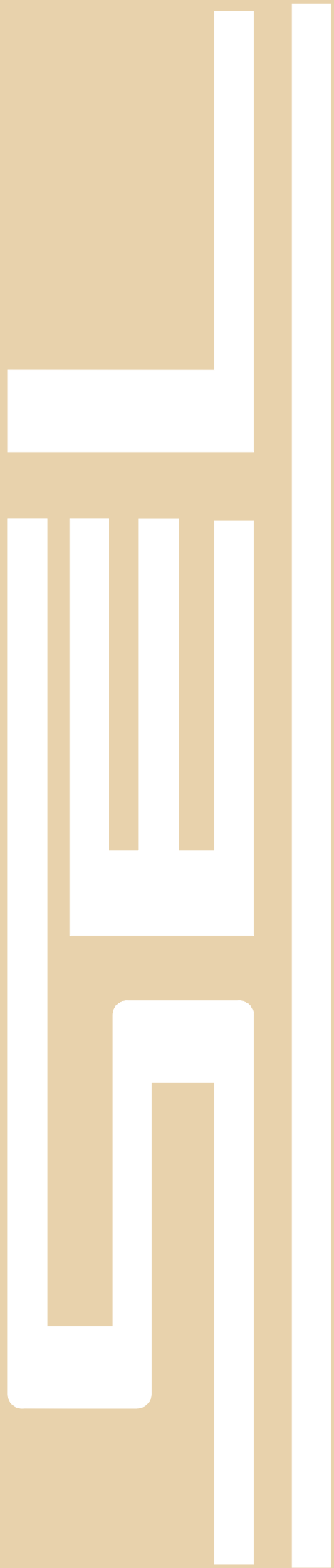


Material Handling

Abriebfeste Schläuche

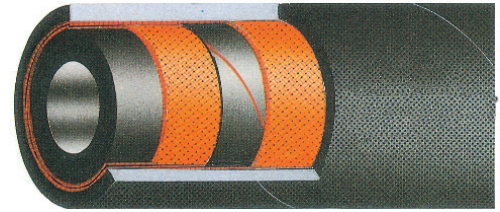
Prodotti Abrasivi

Produits Abrasifs



Sandblast

60mm³



TUBE : ABRASION RESISTANT, ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED NATURAL AND SYNTHETIC RUBBER.
 APPLICATION : FOR CLEANING AND BLASTING METAL, STONE AND CONCRETE SURFACES.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER NATUR - SYNTHETISCHER GUMMI, GEPRICKT
 ANWENDUNG : ZUR REINIGUNG UND STRAHLEN VON METAL-, STEIN- UND BETONBEREICHEN



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA NATURALE E SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI MATERIALI ABRASIVI NEGLI IMPIANTI DI SABBIAATURA E GRANIGLIA.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : NSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE ET NATUREL, MICROPERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : UTILISE DANS LES MACHINES DE SABLAGE POUR NETTOYER LES SURFACES METALLIQUES, FAÇADES ETC.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 25 | 12 | 174 | 36 | 522 | 125 | 414 | 40-46-61 | |
| 1/2" | 12.7 | 27 | 12 | 174 | 36 | 522 | 125 | 495 | 40-46-61 | |
| 5/8" | 16 | 28 | 12 | 174 | 36 | 522 | 150 | 476 | 40-46-61 | |
| 5/8" | 16 | 30 | 12 | 174 | 36 | 522 | 150 | 578 | 40-46-61 | |
| 3/4" | 19 | 30 | 12 | 174 | 36 | 522 | 190 | 486 | 40-46-61 | |
| 3/4" | 19 | 31 | 12 | 174 | 36 | 522 | 190 | 530 | 40-46-61 | |
| 3/4" | 19 | 33 | 12 | 174 | 36 | 522 | 190 | 653 | 40-46-61 | |
| 1" | 25.4 | 39 | 12 | 174 | 36 | 522 | 250 | 813 | 40-46-61 | |
| 1 1/4" | 32 | 48 | 12 | 174 | 36 | 522 | 320 | 1160 | 40-46-61 | |
| 1 1/2" | 38 | 54 | 12 | 174 | 36 | 522 | 380 | 1337 | 40-46-61 | |
| 1 1/2" | 38 | 56 | 12 | 174 | 36 | 522 | 380 | 1531 | 40-46-61 | |
| 1 3/4" | 44.5 | 60 | 12 | 174 | 36 | 522 | 445 | 1468 | 40-46-61 | |
| 1 3/4" | 44.5 | 63 | 12 | 174 | 36 | 522 | 445 | 1820 | 40-46-61 | |
| 2" | 50.8 | 69 | 12 | 174 | 36 | 522 | 500 | 2030 | 40-46-61 | |
| 2" | 50.8 | 73 | 12 | 174 | 36 | 522 | 500 | 2484 | 40-46-61 | |
| 2 1/2" | 63.5 | 82 | 12 | 174 | 36 | 522 | 630 | 2626 | 40-46-61 | |
| 3" | 76.2 | 96 | 12 | 174 | 36 | 522 | 760 | 3090 | 40-46-61 | |
| 4" | 101.6 | 122 | 12 | 174 | 36 | 522 | 1000 | 4220 | 40-46-61 | |



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

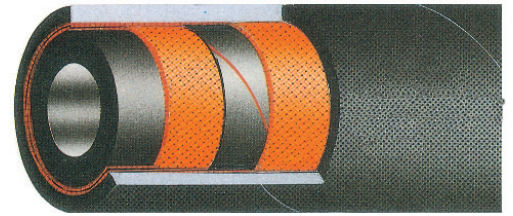
SEL KUM SANDBLAST HOSE - TS 5928 - EN ISO 3861 W.P. 12 Bar (174 PSI)

| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS 5928 EN ISO 3861 EN ISO 3861 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|



Sandblast

35mm³



TUBE : ABRASION RESISTANT, ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED NATURAL AND SYNTHETIC RUBBER.
 APPLICATION : FOR CLEANING AND BLASTING METAL, STONE AND CONCRETE SURFACES.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER NATUR - SYNTHETISCHER GUMMI, GEPRICKT.
 ANWENDUNG : ZUR REINIGUNG UND STRAHLEN VON METAL-, STEIN- UND BETONOBERFLÄCHEN



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA NATURALE E SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI MATERIALI ABRASIVI NEGLI IMPIANTI DI SABBIAIATURA E GRANIGLIA.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE ET NATUREL, MICROPERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : UTILISE DANS LES MACHINES DE SABLAGE POUR NETTOYER LES SURFACES METALLIQUES, FAÇADES ETC.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 25 | 12 | 174 | 36 | 522 | 125 | 405 | 40-46-61 |
| 1/2" | 12.7 | 27 | 12 | 174 | 36 | 522 | 125 | 490 | 40-46-61 |
| 5/8" | 16 | 28 | 12 | 174 | 36 | 522 | 150 | 471 | 40-46-61 |
| 5/8" | 16 | 30 | 12 | 174 | 36 | 522 | 150 | 571 | 40-46-61 |
| 3/4" | 19 | 30 | 12 | 174 | 36 | 522 | 190 | 480 | 40-46-61 |
| 3/4" | 19 | 31 | 12 | 174 | 36 | 522 | 190 | 525 | 40-46-61 |
| 3/4" | 19 | 33 | 12 | 174 | 36 | 522 | 190 | 647 | 40-46-61 |
| 1" | 25.4 | 39 | 12 | 174 | 36 | 522 | 250 | 806 | 40-46-61 |
| 1 1/4" | 32 | 48 | 12 | 174 | 36 | 522 | 320 | 1150 | 40-46-61 |
| 1 1/2" | 38 | 54 | 12 | 174 | 36 | 522 | 380 | 1330 | 40-46-61 |
| 1 1/2" | 38 | 56 | 12 | 174 | 36 | 522 | 380 | 1525 | 40-46-61 |
| 1 3/4" | 44.5 | 60 | 12 | 174 | 36 | 522 | 445 | 1457 | 40-46-61 |
| 1 3/4" | 44.5 | 63 | 12 | 174 | 36 | 522 | 445 | 1813 | 40-46-61 |
| 2" | 50.8 | 69 | 12 | 174 | 36 | 522 | 500 | 2023 | 40-46-61 |
| 2" | 50.8 | 73 | 12 | 174 | 36 | 522 | 500 | 2477 | 40-46-61 |
| 2 1/2" | 63.5 | 82 | 12 | 174 | 36 | 522 | 630 | 2620 | 40-46-61 |
| 3" | 76.2 | 96 | 12 | 174 | 36 | 522 | 760 | 3080 | 40-46-61 |
| 4" | 101.6 | 122 | 12 | 174 | 36 | 522 | 1000 | 4210 | 40-46-61 |



-40°C / + 70°C
 -40°F / +158°F



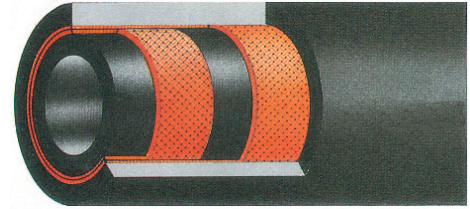
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | EXCEEDS TS 5928 EN ISO 3861 EXCEEDS EN ISO 3861 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|

Sandblast 2 Ply

60mm³



TUBE : ABRASION RESISTANT, ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED NATURAL AND SYNTHETIC RUBBER.
 APPLICATION : FOR CLEANING AND BLASTING METAL, STONE AND CONCRETE SURFACES.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER NATUR - SYNTHETISCHER GUMMI, GEPRICKT
 ANWENDUNG : ZUR REINIGUNG UND STRAHLEN VON METAL-, STEIN- UND BETONBEREICHEN



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ
 COPERTURA : GOMMA NATURALE E SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI MATERIALI ABRASIVI NEGLI IMPIANTI DI SABBIAIATURA E GRANIGLIA.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE ET NATUREL, MICROPERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : UTILISE DANS LES MACHINES DE SABLAGE POUR NETTOYER LES SURFACES METALLIQUES, FAÇADES ETC.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|------|------|----|-----|-----|-----|-----|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 25.4 | 10 | 145 | 30 | 435 | 125 | 445 | 40-46-61 | |
| 1/2" | 12.7 | 26.9 | 10 | 145 | 30 | 435 | 125 | 530 | 40-46-61 | |
| 1/2" | 12.7 | 28.5 | 10 | 145 | 30 | 435 | 125 | 599 | 40-46-61 | |
| 3/4" | 19 | 38 | 10 | 145 | 30 | 435 | 190 | 971 | 40-46-61 | |
| 1" | 25.4 | 47 | 10 | 145 | 30 | 435 | 250 | 1382 | 40-46-61 | |
| 1 1/4" | 32 | 47.6 | 10 | 145 | 30 | 435 | 320 | 1110 | 40-46-61 | |
| 1 1/4" | 32 | 54.7 | 10 | 145 | 30 | 435 | 320 | 1790 | 40-46-61 | |
| 1 1/2" | 38 | 60 | 10 | 145 | 30 | 435 | 380 | 1960 | 40-46-61 | |
| 2" | 50.8 | 73 | 10 | 145 | 30 | 435 | 500 | 2495 | 40-46-61 | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : 35 mm³
 Nach Anfrage : 35 mm³
 Su Richiesta : 35 mm³
 Sur Demande : 35 mm³



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

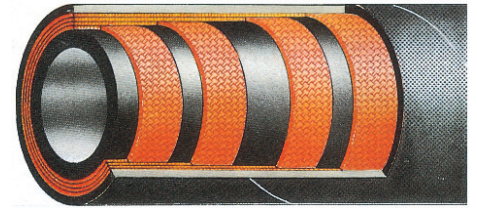
SEL KUM AMERICA 2 SANDBLAST HOSE - 2 PLY - W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS 5928 EN ISO 3861 EN ISO 3861 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|



Sandblast 4 Ply

60mm³



TUBE : ABRASION RESISTANT, ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED NATURAL AND SYNTHETIC RUBBER.
 APPLICATION : FOR CLEANING AND BLASTING METAL, STONE AND CONCRETE SURFACES.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER NATUR - SYNTHETISCHER GUMMI, GEPRICKT.
 ANWENDUNG : ZUR REINIGUNG UND STRAHLEN VON METAL-, STEIN- UND BETONBEREICHEN



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA NATURALE E SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI MATERIALI ABRASIVI NEGLI IMPIANTI DI SABBIAIATURA E GRANIGLIA.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE ET NATUREL, MICROPERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : UTILISE DANS LES MACHINES DE SABLAGE POUR NETTOYER LES SURFACES METALLIQUES, FAÇADES ETC.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|------|------|-----|-----|-----|-----|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 27 | 10 | 145 | 30 | 435 | 125 | 542 | 40-46-61 |
| 1/2" | 12.7 | 28.5 | 10 | 145 | 30 | 435 | 125 | 626 | 40-46-61 |
| 3/4" | 19 | 38 | 10 | 145 | 30 | 435 | 190 | 1030 | 40-46-61 |
| 1" | 25.4 | 47.6 | 10 | 145 | 30 | 435 | 250 | 1525 | 40-46-61 |
| 1 1/4" | 32 | 54.7 | 10 | 145 | 30 | 435 | 320 | 1857 | 40-46-61 |
| 1 1/2" | 38 | 60 | 10 | 145 | 30 | 435 | 380 | 1982 | 40-46-61 |
| 2" | 50.8 | 73 | 10 | 145 | 30 | 435 | 500 | 2475 | 40-46-61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : 35 mm³

Nach Anfrage : 35 mm³

Su Richiesta : 35 mm³

Sur Demande : 35 mm³



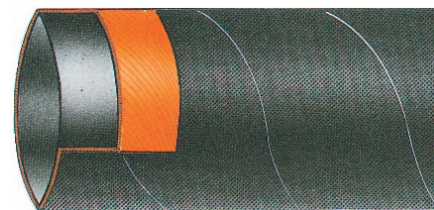
-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS 5928 EN ISO 3861 EN ISO 3861 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|

Cement Flat



TUBE : ABRASION RESISTANT, ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT NATURAL AND SYNTHETIC RUBBER.
 APPLICATION : FOR DISCHARGE OF DRY CEMENT AND ABRASIVE POWDERS FOR LORRIES AND SILOS.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBFESTER, SPEZIELLER NATUR - SYNTHETISCHER GUMMI
 ANWENDUNG : ZUR BEFÖRDERUNG VON TROCKENEM ZEMENT UND ABRASIVEN PULVERN, FÜR FAHRZEUGE UND SILOS



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA NATURALE E SINTETICA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI POLVERI ABRASIVE DI CEMENTO NEI SILOS, CAMION ETC.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE ET NATUREL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DU CIMENT SEC ET DES POUDRES ABRASIVES POUR CAMIONS CITERNES.

| ID | | OD | WP | | BP | | W | L |
|---------|-------|------|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 2" | 50.8 | 60.4 | 5 | 73 | 15 | 218 | 960 | 40-46-61 |
| 2 1/2" | 63.5 | 73 | 5 | 73 | 15 | 218 | 1175 | 40-46-61 |
| 3" | 76.2 | 86 | 5 | 73 | 15 | 218 | 1392 | 40-46-61 |
| 3 1/8" | 80 | 90 | 5 | 73 | 15 | 218 | 1520 | 40-46-61 |
| 3 1/2" | 90 | 100 | 5 | 73 | 15 | 218 | 1770 | 40-46-61 |
| 4" | 101.6 | 112 | 5 | 73 | 15 | 218 | 2025 | 40-46-61 |
| 4 5/16" | 110 | 120 | 5 | 73 | 15 | 218 | 2095 | 40-46-61 |
| 5" | 127 | 137 | 5 | 73 | 15 | 218 | 2405 | 40-46-61 |
| 6" | 152.4 | 164 | 5 | 73 | 15 | 218 | 3414 | 40-46-61 |
| 8" | 203.2 | 215 | 5 | 73 | 15 | 218 | 4660 | 20-46 |



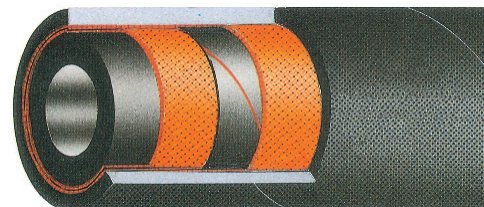
-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Dry Cement Discharge



TUBE : ABRASION RESISTANT, ANTISTATIC NATURAL RUBBER. AVAILABLE IN 1/8", 3/16", AND 1/4" TUBE THICKNESS.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT NATURAL AND SYNTHETIC RUBBER.
 APPLICATION : FOR THE DISCHARGE OF DRY BULK CEMENT AND OTHER BULK MATERIALS.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI. ERHÄLTICH AUCH IN DEN STÄRKEN VON 1/8", 3/16", UND 1/4"
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : OZON- UND WITTERUNGBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER NATUR- SYNTHETISCHER GUMMI.
 ANWENDUNG : ZUR BEFÖRDERUNG VON TROCKENEM ZEMENT UND FÜR ANDERE SCHÜTTGÜTERN.



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE. DISPONIBILE IN DIAMETRI DI 1/8", 3/16" E 1/4" COME SPESSORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA NATURALE E SINTETICA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI POLVERI ABRASIVE DI CEMENTO PER L'ALTRO MATERIALE ABRASIVO.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION. TUBES DISPONIBLE EN EPAISSEUR DE 1/8", 3/16" ET 1/4".
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE ET NATUREL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DU CIMENT SEC ET AUTRES MARIERIAUX EN VRAC.

TUBE: 1/18"

| ID | | OD | WP | | BP | | W | L |
|------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 4" | 101,6 | 113 | 5 | 75 | 15 | 225 | 2271 | 40-46-61 |
| 5" | 127 | 139 | 5 | 75 | 15 | 225 | 2854 | 40-46-61 |
| 6" | 152,4 | 164 | 5 | 75 | 15 | 225 | 3425 | 40-46-61 |

TUBE: 3/16"

| inch | mm | mm | bar | psi | bar | psi | g/m | m |
|------|-------|-----|-----|-----|-----|-----|------|----------|
| 4" | 101,6 | 117 | 5 | 75 | 15 | 225 | 2970 | 40-46-61 |
| 5" | 127 | 142 | 5 | 75 | 15 | 225 | 3610 | 40-46-61 |
| 6" | 152,4 | 167 | 5 | 75 | 15 | 225 | 4375 | 40-46-61 |

TUBE: 1/4"

| inch | mm | mm | bar | psi | bar | psi | g/m | m |
|------|-------|-----|-----|-----|-----|-----|------|----------|
| 4" | 101,6 | 120 | 5 | 75 | 15 | 225 | 3645 | 40-46-61 |
| 5" | 127 | 145 | 5 | 75 | 15 | 225 | 4430 | 40-46-61 |
| 6" | 152,4 | 171 | 5 | 75 | 15 | 225 | 5400 | 40-46-61 |



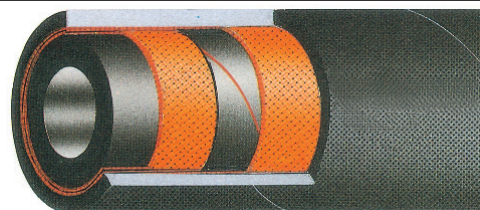
-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Cement Discharge



TUBE : ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DISCHARGE OF DRY BULK MATERIALS, SAND, GRAVEL, DRY CEMENT ETC.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEPRICKT
 ANWENDUNG : ZUR BEFÖRDERUNG VON SCHÜTTGÜTERN, TROCKENEM ZEMENT, SAND, KIES USW.



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI CEMENTO SECCO, SABBIA, GHIAIA, MATERIALI ABRASIVI ETC.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, MICROPERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DU MATERIEL SEC EN VRAC, SABLE, GRANULE, CIMENT SEC ETC.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|------|-----|-----|-----|-----|-------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1" | 25.4 | 37 | 10 | 145 | 30 | 435 | 622 | 40-46-61 |
| 1 1/4" | 32 | 44 | 10 | 145 | 30 | 435 | 817 | 40-46-61 |
| 1 1/2" | 38 | 50 | 10 | 145 | 30 | 435 | 945 | 40-46-61 |
| 1 3/4" | 44.5 | 58 | 10 | 145 | 30 | 435 | 1270 | 40-46-61 |
| 2" | 50.8 | 64.5 | 10 | 145 | 30 | 435 | 1421 | 40-46-61 |
| 2 1/2" | 63.5 | 77 | 10 | 145 | 30 | 435 | 1733 | 40-46-61 |
| 3" | 76.2 | 90 | 10 | 145 | 30 | 435 | 2090 | 40-46-61 |
| 3 1/2" | 90 | 104 | 10 | 145 | 30 | 435 | 2564 | 40-46-61 |
| 4" | 101.6 | 118 | 10 | 145 | 30 | 435 | 3252 | 40-46-61 |
| 5" | 127 | 146 | 10 | 145 | 30 | 435 | 4840 | 40-46-61 |
| 6" | 152.4 | 172 | 10 | 145 | 30 | 435 | 6000 | 40-46-61 |
| 8" | 203.2 | 225 | 10 | 145 | 30 | 435 | 8705 | 20-46 |
| 10" | 254 | 276 | 10 | 145 | 30 | 435 | 11397 | 25 |



-40°C / + 70°C
 -40°F / +158°F

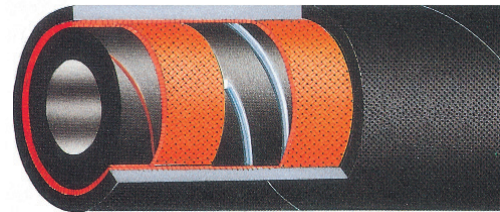
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Cement S&D 5 Bar



TUBE : ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF DRY BULK MATERIALS, SAND, GRAVEL, DRY CEMENT ETC.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEPRICKT.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH FÜR SCHÜTTGÜTER, TROCKENEM ZEMENT, SAND, KIES USW.



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI CEMENTO SECCO, SABBIA, GHIAIA, MATERIALI ABRASIVI ETC.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, MICROPERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LA MANUTENTION DE MATERIAUX SECS EN VRAC, SABLE, GRANULE, CIMENT SEC ETC.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-------|--------|-------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 1" | 25.4 | 37 | 5 | 73 | 15 | 218 | -0.92 | 130 | 725 | 40-46-61 | |
| 1 1/4" | 32 | 43 | 5 | 73 | 15 | 218 | -0.92 | 165 | 868 | 40-46-61 | |
| 1 1/2" | 38 | 50 | 5 | 73 | 15 | 218 | -0.92 | 200 | 1205 | 40-46-61 | |
| 2" | 50.8 | 64 | 5 | 73 | 15 | 218 | -0.92 | 270 | 1727 | 40-46-61 | |
| 2 1/2" | 63.5 | 77 | 5 | 73 | 15 | 218 | -0.92 | 325 | 2113 | 40-46-61 | |
| 3" | 76.2 | 91 | 5 | 73 | 15 | 218 | -0.92 | 400 | 2915 | 40-46-61 | |
| 3 1/2" | 90 | 105 | 5 | 73 | 15 | 218 | -0.92 | 470 | 3540 | 40-46-61 | |
| 4" | 101.6 | 118 | 5 | 73 | 15 | 218 | -0.92 | 570 | 4000 | 40-46-61 | |
| 5" | 127 | 146 | 5 | 73 | 15 | 218 | -0.92 | 720 | 6010 | 40-46-61 | |
| 6" | 152.4 | 172 | 5 | 73 | 15 | 218 | -0.92 | 870 | 7972 | 40-46-61 | |
| 8" | 203.2 | 227 | 5 | 73 | 15 | 218 | -0.80 | 1220 | 12675 | 30 | |
| 10" | 254 | 279 | 5 | 73 | 15 | 218 | -0.80 | 1630 | 15760 | 20 | |



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



CIMENTO SD-5

CEMENT S/D HOSE W.P. 5 Bar (73 PSI)



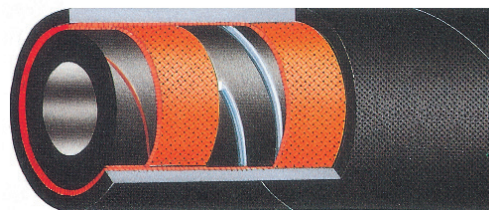
NORMS
 NORMEN
 NORME
 NORMES

ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Cement S&D 10 Bar



TUBE : ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF DRY BULK MATERIALS, SAND, GRAVEL, DRY CEMENT ETC.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEPRICKT.
 ANWENDUNG : SAUG- DRUCKSCHLAUCH FÜR SCHÜTTGÜTER, TROCKENEM ZEMENT, SAND, KIES USW.



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI CEMENTO SECCO, SABBIA, GHIAIA, MATERIALI ABRASIVI ETC.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, MICROPERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LA MANUTENTION DE MATERIAUX SECS EN VRAC, SABLE, GRANULE, CIMENT SEC ETC.

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-------|-----|-----|-----|-----|--------|------|-------|----------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 1" | 25.4 | 39 | 10 | 145 | 30 | 435 | -0.92 | 125 | 880 | 40-46-61 |
| 1 1/4" | 32 | 45 | 10 | 145 | 30 | 435 | -0.92 | 160 | 1045 | 40-46-61 |
| 1 1/2" | 38 | 52 | 10 | 145 | 30 | 435 | -0.92 | 190 | 1395 | 40-46-61 |
| 2" | 50.8 | 66 | 10 | 145 | 30 | 435 | -0.92 | 250 | 1975 | 40-46-61 |
| 2 1/2" | 63.5 | 78.5 | 10 | 145 | 30 | 435 | -0.92 | 315 | 2315 | 40-46-61 |
| 3" | 76.2 | 92 | 10 | 145 | 30 | 435 | -0.92 | 380 | 3117 | 40-46-61 |
| 3 1/2" | 90 | 107 | 10 | 145 | 30 | 435 | -0.92 | 450 | 3760 | 40-46-61 |
| 4" | 101.6 | 120 | 10 | 145 | 30 | 435 | -0.92 | 550 | 4550 | 40-46-61 |
| 5" | 127 | 149 | 10 | 145 | 30 | 435 | -0.92 | 700 | 6697 | 40-46-61 |
| 6" | 152.4 | 174.5 | 10 | 145 | 30 | 435 | -0.92 | 850 | 8807 | 40-46-61 |
| 8" | 203.2 | 229 | 10 | 145 | 30 | 435 | -0.80 | 1200 | 13690 | 30 |
| 10" | 254 | 281 | 10 | 145 | 30 | 435 | -0.80 | 1600 | 17156 | 20 |



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

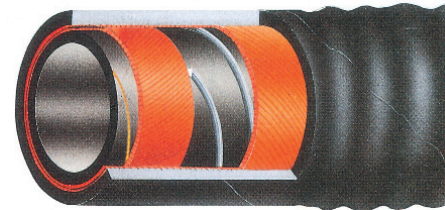


| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Cement S&D

CORRUGATED



TUBE : ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT CORRUGATED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF DRY BULK MATERIALS, SAND, GRAVEL, DRY CEMENT ETC.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEWELLT
 ANWENDUNG : SAUG - DRUCKSCHLAUCH FÜR SCHÜTTGÜTER, TROCKENEM ZEMENT, SAND, KIES USW.



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA ONDULATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI CEMENTO SECCO, SABBIA, GHIAIA, MATERIALI ABRASIVI ETC.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE ONDULE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LA MANUTENTION DE MATERIAUX SECS EN VRAC, SABLE, GRANULE, CIMENT SEC ETC.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|------|----|-----|-----|-----|-------|--------|-------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 1" | 25.4 | 37.5 | 10 | 145 | 30 | 435 | -0.92 | 85 | 788 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 10 | 145 | 30 | 435 | -0.92 | 115 | 953 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 10 | 145 | 30 | 435 | -0.92 | 135 | 1273 | 40-46-61 | |
| 2" | 50.8 | 64.5 | 10 | 145 | 30 | 435 | -0.92 | 180 | 1750 | 40-46-61 | |
| 2 1/2" | 63.5 | 77.5 | 10 | 145 | 30 | 435 | -0.92 | 230 | 2350 | 40-46-61 | |
| 3" | 76.2 | 90.5 | 10 | 145 | 30 | 435 | -0.92 | 280 | 3040 | 40-46-61 | |
| 3 1/2" | 90 | 106 | 10 | 145 | 30 | 435 | -0.92 | 340 | 3815 | 40-46-61 | |
| 4" | 101.6 | 119 | 10 | 145 | 30 | 435 | -0.92 | 400 | 4610 | 40-46-61 | |
| 5" | 127 | 147 | 10 | 145 | 30 | 435 | -0.92 | 500 | 6750 | 40-46-61 | |
| 6" | 152.4 | 173 | 10 | 145 | 30 | 435 | -0.92 | 630 | 8860 | 40-46-61 | |
| 8" | 203.2 | 227 | 10 | 145 | 30 | 435 | -0.80 | 1000 | 13220 | 30 | |
| 10" | 254 | 279 | 10 | 145 | 30 | 435 | -0.80 | 1300 | 17150 | 20 | |



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



CIMENTO-SDC

CEMENT S/D HOSE W.P. 10 Bar (145 PSI)



NORMS
 NORMEN
 NORME
 NORMES

ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Cement S&D

CHANNELED



TUBE : ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT CHANNELED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF DRY BULK MATERIALS, SAND, GRAVEL, DRY CEMENT ETC.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBFESTER, SPEZIELLER SYNTHETISCHER GUMMI, KORDELGERIPPT
 ANWENDUNG : SAUG - DRUCKSCHLAUCH FÜR SCHÜTTGÜTER, TROCKENEM ZEMENT, SAND, KIES USW.



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D' ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA GRECATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI CEMENTO SECCO, SABBIA, GHIAIA, MATERIALI ABRASIVI ETC.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE ASPECT CRENELE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LA MANUTENTION DE MATERIAUX SECS EN VRAC, SABLE, GRANULE, CIMENT SEC ETC.

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-------|-----|-----|-----|-----|--------|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 1" | 25.4 | 36 | 10 | 145 | 30 | 435 | -0.92 | 80 | 774 | 40-46-61 |
| 1 1/4" | 32 | 42.5 | 10 | 145 | 30 | 435 | -0.92 | 100 | 940 | 40-46-61 |
| 1 1/2" | 38 | 48.4 | 10 | 145 | 30 | 435 | -0.92 | 120 | 1090 | 40-46-61 |
| 2" | 50.8 | 62 | 10 | 145 | 30 | 435 | -0.92 | 160 | 1611 | 40-46-61 |
| 2 1/2" | 63.5 | 76 | 10 | 145 | 30 | 435 | -0.92 | 200 | 2136 | 40-46-61 |
| 3" | 76.2 | 89 | 10 | 145 | 30 | 435 | -0.92 | 250 | 2452 | 40-46-61 |
| 3 1/2" | 90 | 104.5 | 10 | 145 | 30 | 435 | -0.92 | 300 | 3433 | 40-46-61 |
| 4" | 101.6 | 117.5 | 10 | 145 | 30 | 435 | -0.92 | 350 | 4139 | 40-46-61 |
| 5" | 127 | 145.5 | 10 | 145 | 30 | 435 | -0.80 | 450 | 6305 | 40-46-61 |
| 6" | 152.4 | 172 | 10 | 145 | 30 | 435 | -0.80 | 560 | 8035 | 40-46-61 |



-40°C / + 70°C
 -40°F / +158°F

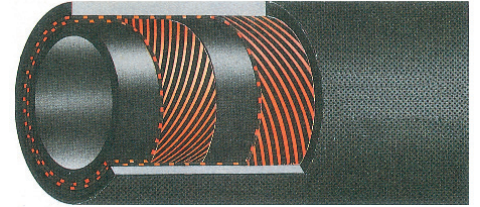
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL CIMENTO GR CEMENT S/D HOSE W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Concrete Vibration Hose



TUBE : SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : UTILIZED ON SUBMERGED VIBRATORS TO PREVENT AIR BUBBLES IN THE CONCRETE LIQUID PROJECTED BY HAND VIBRATING.



SEELE : SPEZIELLER SYNTHETISCHER GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : SPEZIELL FÜR TAUCHVIBRATOREN ENTWICKELTER SCHLAUCH ZUR VORBEUGUNG VON LUFTBLÄSCHEN IN INJEKTIONSBETON BEI DER ANWENDUNG.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITA.
 COPERTURA : GOMMA SINTETICA RESISTENTE ALL'ABRASIONE, ALL'OZONO E AGENTI ATMOSFERICI.
 IMPIEGO : UTILIZZATO NEI VIBRATORI AD IMMERSIONE PER EVITARE BOLLE D'ARIA NEL LIQUIDO CALCESTRUZZO.



TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : UTILISE DANS LES VIBREURS A IMMERSION, POUR EMPECHER LES BULLES D'AIR DANS LE BETONE LIQUIDE PROJETE, PAR AIGUILLES VIBRANTES.

| ID | | OD | WP | | BP | | W | L |
|--------|------|----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 5/8" | 16 | 26 | 10 | 145 | 30 | 435 | 512 | 40-46-61 |
| 3/4" | 19 | 30 | 10 | 145 | 30 | 435 | 682 | 40-46-61 |
| 7/8" | 22 | 33 | 10 | 145 | 30 | 435 | 740 | 40-46-61 |
| 1" | 25.4 | 36 | 10 | 145 | 30 | 435 | 812 | 40-46-61 |
| 1" | 25.4 | 39 | 10 | 145 | 30 | 435 | 1082 | 40-46-61 |
| 1" | 25.4 | 42 | 10 | 145 | 30 | 435 | 1395 | 40-46-61 |
| 1 1/8" | 28 | 40 | 10 | 145 | 30 | 435 | 1002 | 40-46-61 |
| 1 1/8" | 28 | 44 | 10 | 145 | 30 | 435 | 1460 | 40-46-61 |
| 1 1/4" | 32 | 48 | 10 | 145 | 30 | 435 | 1600 | 40-46-61 |
| | 40 | 54 | 10 | 145 | 30 | 435 | 1645 | 40-46-61 |
| | 40 | 56 | 10 | 145 | 30 | 435 | 1930 | 40-46-61 |



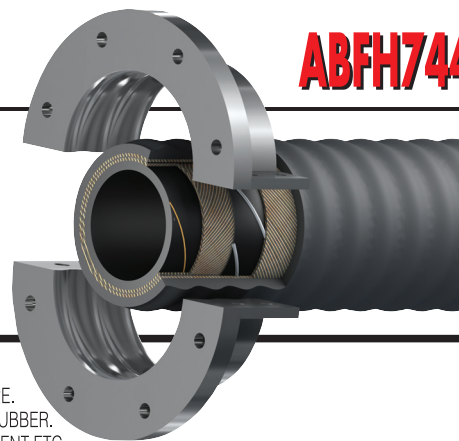
-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Bulk Material S&D Hose



TUBE : ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT CORRUGATED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF DRY BULK MATERIALS, SAND, GRAVEL, DRY CEMENT ETC.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEWELLT
 ANWENDUNG : SAUG - DRUCKSCHLAUCH FÜR SCHÜTTGÜTER, TROCKENEM ZEMENT, SAND, KIES USW.



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA ONDULATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI CEMENTO SECCO, SABBIA, GHIAIA, MATERIALI ABRASIVI ETC.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE ONDULE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LA MANUTENTION DE MATERIAUX SECS EN VRAC, SABLE, GRANULE, CIMENT SEC ETC.

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|--------|------|-------|----------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3 1/8" | 80 | 113 | 10 | 145 | 30 | 435 | -0.92 | 350 | 6584 | 40-46-61 |
| 4" | 101.6 | 133 | 10 | 145 | 30 | 435 | -0.92 | 500 | 7663 | 40-46-61 |
| 5" | 127 | 158 | 10 | 145 | 30 | 435 | -0.92 | 650 | 9817 | 40-46-61 |
| 6" | 152.4 | 183 | 10 | 145 | 30 | 435 | -0.92 | 750 | 12117 | 40-46-61 |
| 8" | 203.2 | 234 | 10 | 145 | 30 | 435 | -0.92 | 1750 | 16586 | 20 |
| 10" | 254 | 286 | 10 | 145 | 30 | 435 | -0.92 | 2000 | 22175 | 12 |
| 12" | 304.8 | 341 | 10 | 145 | 30 | 435 | -0.92 | 2500 | 26518 | 12 |

Easily assembled in application lengths.
 Leichtes zusammenbauen in den gewünschten Anwendungslängen.
 Facilmente assemblati nelle lunghezze di applicazione.
 Facile a et équiper dans les longueurs d'utilisation.



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

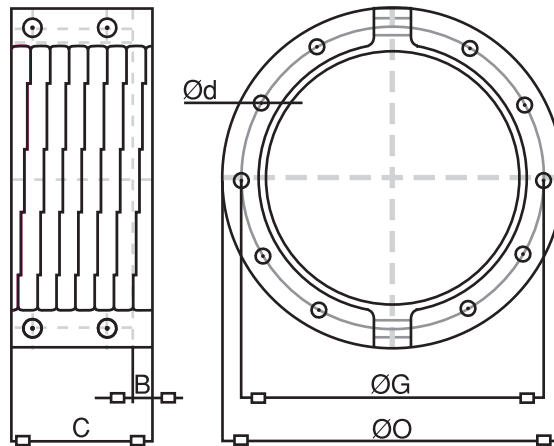


| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

FRAME HOSE - COUPLING+GASKETS

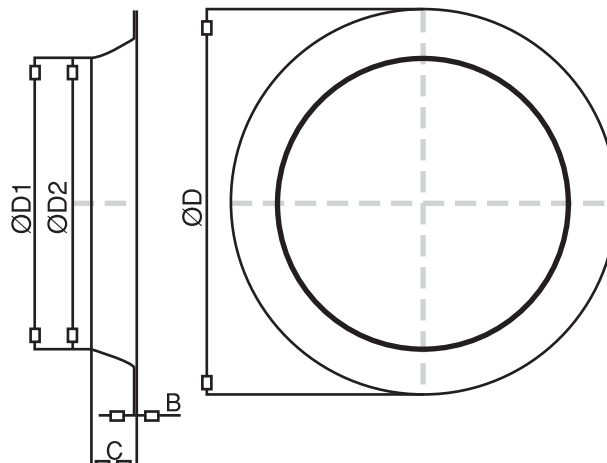
| CODE | DIAMETER | | ØO | ØG | C | B | Ød | Drilling |
|------------|----------|-------|-----|-----|-----|----|----|----------|
| | mm | Inch | mm | mm | mm | mm | mm | Number |
| RDSA080001 | 80 | 3 1/8 | 208 | 160 | 101 | 20 | 18 | 4 |
| RDSA100001 | 100 | 4 | 230 | 180 | 102 | 20 | 18 | 4 |
| RDSA125001 | 125 | 5 | 250 | 210 | 112 | 24 | 10 | 8 |
| RDSA150001 | 150 | 6 | 295 | 240 | 152 | 24 | 22 | 8 |
| RDSA200001 | 200 | 8 | 352 | 295 | 171 | 26 | 22 | 8 |
| RDSA250001 | 250 | 10 | 405 | 350 | 186 | 28 | 22 | 12 |
| RDSA300001 | 300 | 12 | 445 | 400 | 190 | 28 | 22 | 12 |

Coupling dimensions according to PN 10-DIN 2576
Material: Aluminium

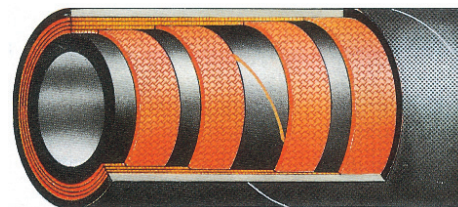


| CODE | DIAMETER | | ØD | ØD1 | ØD2 | C | B |
|------------|----------|-------|-----|-----|------|------|-----|
| | mm | Inch | mm | mm | mm | mm | mm |
| CONTA08001 | 80 | 3 1/8 | 118 | 78 | 75,5 | 23 | 3,5 |
| CONTA10001 | 100 | 4 | 138 | 98 | 95,5 | 23 | 3,5 |
| CONTA12501 | 125 | 5 | 183 | 123 | 120 | 31,5 | 4 |
| CONTA15001 | 150 | 6 | 208 | 148 | 145 | 31,5 | 4 |
| CONTA20001 | 200 | 8 | 250 | 198 | 195 | 31,5 | 4 |
| CONTA25001 | 250 | 10 | 311 | 248 | 245 | 37 | 4 |
| CONTA30001 | 300 | 12 | 366 | | 292 | 37 | 4 |

Gaskets for FRAME HOSE couplings



Plaster&Grout Spraying



TUBE : ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SPRAYING PLASTER, GROUT, SAND, GYPSUM, READY MIXED CONCRETE.



SEELE : HOCH ABRIEFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEPRICKT.
 ANWENDUNG : DRUCKSCHLAUCH FÜR MÖRTEL, PUTZ, SAND, GIPS UND FRISCHEM BETON.



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI BETONCINO, INTONACO, SABBIA, GESSO E MALTE.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, MICROPERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LA PROJECTION DU PLATRE, GYPSE, SABLE ET BETON MELANGE.

| ID | | OD | | WP | | BP | | W | L |
|---------|-------|------|-----|-----|-----|------|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | g/m | m | |
| 3/4" | 19 | 31 | 40 | 580 | 120 | 1740 | 540 | 40-46-61 | |
| 1" | 25.4 | 37 | 40 | 580 | 120 | 1740 | 651 | 40-46-61 | |
| 1" | 25.4 | 38 | 40 | 580 | 120 | 1740 | 752 | 40-46-61 | |
| 1 3/16" | 30 | 44 | 40 | 580 | 120 | 1740 | 953 | 40-46-61 | |
| 1 1/4" | 32 | 46 | 40 | 580 | 120 | 1740 | 1026 | 40-46-61 | |
| 1 3/8" | 35 | 49 | 40 | 580 | 120 | 1740 | 1104 | 40-46-61 | |
| 1 1/2" | 38 | 54 | 40 | 580 | 120 | 1740 | 1426 | 40-46-61 | |
| 1 3/4" | 44.5 | 61 | 40 | 580 | 120 | 1740 | 1626 | 40-46-61 | |
| 2" | 50.8 | 68 | 40 | 580 | 120 | 1740 | 1961 | 40-46-61 | |
| 2 3/8" | 60 | 80 | 40 | 580 | 120 | 1740 | 2722 | 40-46-61 | |
| 2 1/2" | 63.5 | 83.5 | 40 | 580 | 120 | 1740 | 2860 | 40-46-61 | |
| 2 5/8" | 65 | 85 | 40 | 580 | 120 | 1740 | 2925 | 40-46-61 | |
| 2 3/4" | 70 | 90 | 40 | 580 | 120 | 1740 | 2875 | 40-46-61 | |
| 3" | 76.2 | 96.2 | 40 | 580 | 120 | 1740 | 3141 | 40-46-61 | |
| 4" | 101.6 | 122 | 40 | 580 | 120 | 1740 | 4138 | 40-46-61 | |
| 5" | 127 | 155 | 40 | 580 | 120 | 1740 | 6850 | 40-46-61 | |



-40°C / + 70°C
 -40°F / +158°F

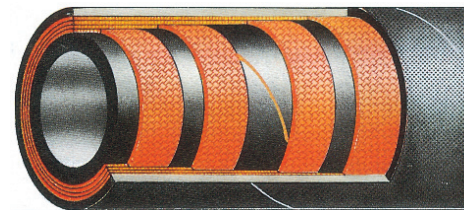
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Plaster&Grout Spraying



TUBE : ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR HIGH PRESSURE SPRAYING PLASTER, GROUT, SAND, GYPSUM, READY MIXED CONCRETE.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEPRICKT
 ANWENDUNG : HOCHDRUCKSCHLAUCH FÜR MÖRTEL, PUTZ, SAND, GIPS UND FRISCHEM BETON



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA AD ALTA PRESSIONE DI BETONCINO, INTONACO, SABBIA, GESSO E MALTE.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, MICROPERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LA PROJECTION A HAUTE PRESSIONE DU PLATRE, GYPSE, SABLE ET BETON MELANGE.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-------|-----|------|-----|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1" | 25.4 | 42.4 | 85 | 1233 | 178 | 2581 | 1025 | 40-46-61 |
| 1 1/4" | 32.0 | 48.8 | 85 | 1233 | 178 | 2581 | 1220 | 40-46-61 |
| 1 1/2" | 38.0 | 58.7 | 85 | 1233 | 178 | 2581 | 1810 | 40-46-61 |
| 2" | 50.8 | 72.0 | 85 | 1233 | 178 | 2581 | 2400 | 40-46-61 |
| 2 1/2" | 63.5 | 86.3 | 85 | 1233 | 178 | 2581 | 3010 | 40-46-61 |
| 3" | 76.2 | 99.6 | 85 | 1233 | 178 | 2581 | 3650 | 40-46-61 |
| 4" | 101.6 | 126.0 | 85 | 1233 | 178 | 2581 | 4735 | 40-46-61 |
| 5" | 127.0 | 153.3 | 85 | 1233 | 178 | 2581 | 6375 | 40-46-61 |



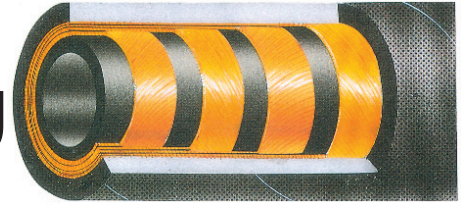
-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL SIVA 85 PLASTER & GROUT SPRAYING HOSE W.P. * Bar (**** PSI)**

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Steel Wire Reinforced Concrete Pumping



TUBE : ABRASION RESISTANT ANTISTATIC NATURAL AND CBR RUBBER.
 REINFORCEMENT : HIGH TENSILE STEEL CORDS.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR HIGH PRESSURE CONCRETE PUMPING AND PLACING USED IN THE END OF BOOM OF CONCRETE PUMP.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATUR- UND CBR GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGEN UND STAHLDRAHTSPIRALEN.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEPRICKT.
 ANWENDUNG : HOCHDRUCKSCHLAUCH FÜR BETONPUMPEN UND BETONPUMPFahrzeuge.



SOTTOSTRATO : GOMMA SPECIALE NATURALE/ CBR ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : CORDINE D'ACCIAIO AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER POMPAGGIO E DIFFUSIONE DI CALCESTRUZZO AD ALTA PRESSIONE.



TUBE : CAOUTCHOUC NATUREL ET CBR CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : NAPPES METALLIQUES HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, MICROPERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR POMPER ET PLACER LE BETON A HAUTE PRESSIONE UTILISE EN BOUT DE FLECHE DE LA POMPE A BETON.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|-------|-----|-----|------|-----|------|------|-------|-------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 2" | 50.8 | 70 | 85 | 1232 | 200 | 2900 | 275 | 3030 | 40-61 |
| 2 1/2" | 63.5 | 88 | 85 | 1232 | 200 | 2900 | 300 | 4480 | 40-61 |
| 3" | 76.2 | 102 | 85 | 1232 | 200 | 2900 | 350 | 5460 | 40-61 |
| 4" | 101.6 | 130 | 85 | 1232 | 200 | 2900 | 400 | 8460 | 40-61 |
| 5" | 127 | 155 | 85 | 1232 | 200 | 2900 | 500 | 9625 | 40-61 |
| 6" | 152.4 | 180 | 85 | 1232 | 140 | 2030 | 650 | 10990 | 40-61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

- Upon Request : Supplied with swaged on SEL hardened couplings.
- Auf Anfrage : Kann mit gehärteten eingepresten SEL Kupplungen geliefert werden.
- Su Richiesta : Fornito con raccordi pressati SEL cementati.
- Sur Demande : Fourni avec des raccords sertis SEL cements.



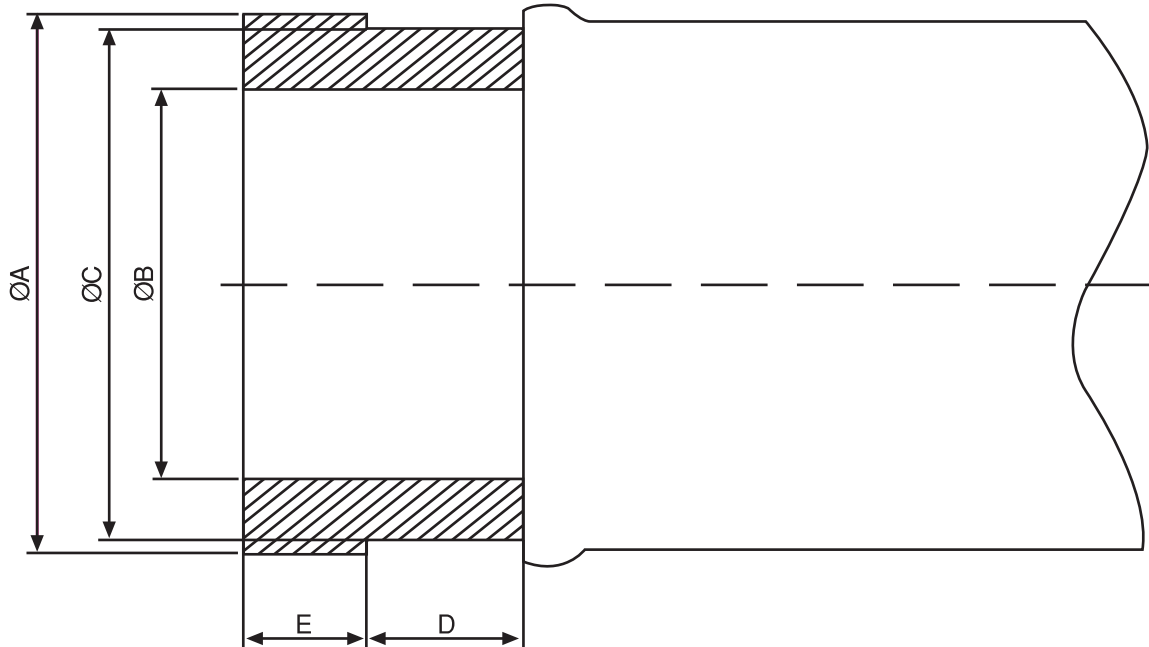
-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL **BETON UC 85** **STEEL WIRE REINFORCED CONCRETE PUMPING HOSE W.P. 85 Bar (1232 PSI)**

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Steel Wire Reinforced Concrete Pumping



| | 2 1/2" | 3" | 4" | 4 1/2" | 5" | 5 1/2" | 6" |
|-----------------|---------|---------|----------|----------|--------|--------|--------|
| $\varnothing A$ | 89.0 mm | 90.0 mm | 114.3 mm | 127.5 mm | 142 mm | 148 mm | 175 mm |
| $\varnothing B$ | 64.4 mm | 77.0 mm | 98 mm | 98.0 mm | 124 mm | 124 mm | 147 mm |
| $\varnothing C$ | 84.6 mm | 84.5 mm | 108 mm | 114.6 mm | 133 mm | 139 mm | 162 mm |
| D | 20.0 mm | 18.0 mm | 18 mm | 18.0 mm | 18 mm | 18 mm | 18 mm |
| E | 16.0 mm | 16.5 mm | 17 mm | 17.0 mm | 17 mm | 17 mm | 17 mm |

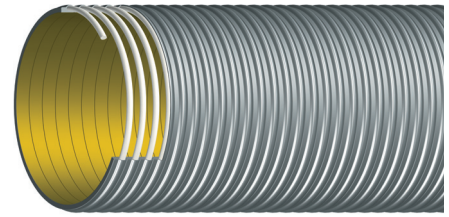
The inner part is hardened to min. 700 Hv. * 0.4 mm. DEPTH.
 Die tiefe der Innenteil ist 0.4 mm und hat min 700 Hv. HÄRTE
 Parte interiore indurito al min. 700 vickers * 0.4 mm di PROFONDITA
 La partie interieure est endurcie a min. 700 Hv. * 0.4 mm de PROFONDEUR

Material / Material / Materiale / Materiel:
 ST 52.0 DIN-1629 / ST 52.3-Din 17121/ ST 52.4-DIN 1630
 ASTM A 106 grade a or grade B api 5L Grade A or B

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

- Upon Request : Heavy Duty Type.
- Auf Anfrage : Hochleistungsschlauch
- Su Richiesta : Per le applicazioni severe
- Sur Demande : Pour applications sévères

Heavy Duty Antiabrasive Suct. & Delivery



PU LINING



CONSTRUCTION : STRONG, FLEXIBLE PLASTICIZED PVC WITH ANTIABRASIVE POLYURETHANE INSIDE LAYER. SHOCK RESISTANT PVC SPIRAL.
APPLICATION : CRUSHING, CHEMICAL AGENTS, ABRASION AND WEATHER RESISTANT, LIGHT CORRUGATED OUTSIDE. FOR HEAVY-DUTY SUCTION AND DELIVERY OF WATER, SLURRIES, DUST AND GRAVEL ETC. IN INDUSTRIAL AND CONSTRUCTIONS. EXCELLENT RESISTANCE IN ABRASIVE APPLICATIONS.



KONSTRUKTION : HOCH ABRIEBFESTE, FLEXIBLE, MIT POLYURETHAN VERSTÄRKT PVC SEELE. MIT VERSTÄRKUNGSSPIRALE AUS SCHLAG-UND DRUCKFESTEM PVC. ÄUSSERST STRAPAZIERFÄHIG UND BIEGSAM, DRUCK-UND ABRIEBFEST, WITTERUNGSBESTÄNDIG, LEICHT GEWELLTE AUSSENDECKE.
ANWENDUNG : FÜR INDUSTRIELLE BEWÄSSERUNG, PRIVATE ANWENDUNGEN, BEFÖRDERUNG ABRASSIVER MEDIEN SOWIE WASSER/ABWASSER, GEEIGNET ALS HOCH ABRIEBFESTER SAUG- UND DRUCKSCHLAUCH FÜR SCHWERE ANWENDUNGEN.



COSTRUZIONE : TUBO LISCI, LEGGERO E FLESSIBILE IN PVC PLASTIFICATO COPERTO CON STRATO DI POLYURETANO ANTIABRASIVO SPIRALE DI RINFORZO IN PVC RIGIDO ANTI URTO E ANTISCHIACCIAMENTO.
IMPIEGO : ESTERNA SEMILISCIA, RESISTENTE A CARICHI, ABRASIONE E AGENTI ATMOSFERICI ED A VARI PRODOTTI CHIMICI. PER ELEVATE ASPIRAZIONE E MANDATA DI ACQUE, LIQUIDI E SOLIDI ABRASSIVI, PER USO IN, EDILIZIA, INDUSTRIA SPURGHI, RESISTENZA ECCELLENTE NEGLI APPLICAZIONI ABRASSIVI.



CONSTRUCTION : TUYAU LISSE ET FLEXIBLE EN PVC SOUPLE COUVERT D'UNE COUCHE PU ANTIABRASIVE. SPIRE EN PVC RIGIDE ANTICHOC.
APPLICATION : SURFACE SEMI-ONDULEE RESISTANTE A L'ABRASION, LES AGENTS ATMOSPHERIQUES, ECRASEMENT ET LA PLUPART DES PRODUITS CHIMIQUES. ASPIRATION ET REFOULEMENT D'EAU PURE, SALEE, CHARGEE DES SOLUTIONS, SABLE, GRAVIER, DES EAUX CHARGEES ETC. EN USAGES SEVERES DANS L'INDUSTRIE ET CONSTRUCTION. RESISTANCE EXCEPTIONNELLE A L'ABRASION.

| ID | | BP | | VACUUM | BR/r | W | L |
|------|-----|-----|-----|--------------------|------|------|-------|
| inch | mm | bar | psi | m/H ₂ O | mm | g/m | m |
| | 40 | 30 | 435 | 9 | 275 | 810 | 30/50 |
| | 45 | 25 | 363 | 9 | 300 | 960 | 30/50 |
| 2" | 51 | 25 | 363 | 9 | 330 | 1150 | 30/50 |
| | 60 | 25 | 363 | 9 | 400 | 1550 | 30/50 |
| 3" | 76 | 20 | 290 | 9 | 495 | 1950 | 30/50 |
| | 80 | 20 | 290 | 9 | 540 | 2100 | 20/30 |
| 4" | 102 | 15 | 218 | 9 | 700 | 3250 | 20/30 |
| | 120 | 15 | 218 | 8 | 880 | 3800 | 20/30 |
| 5" | 127 | 15 | 218 | 8 | 970 | 4150 | 20/30 |
| 6" | 152 | 12 | 174 | 7 | 1210 | 6200 | 20/30 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

- Upon Request : With antistatic copper wire
- Auf Anfrage : Mit antistatischen Kupferdraht
- Su Richiesta : Con cordicella di rame
- Sur Demande : Avec fil de masse antistatique



- 5 °C / + 60°C
 +23 °F / +140 °F

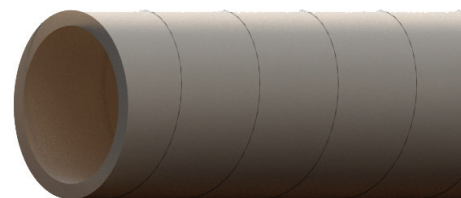
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **INK-JET**

SEL LYMRA HD-PU ** mm (month/year) → → →

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Abrasion-Paratub



CONSTRUCTION : ABRASION RESISTANT BEIGE NATURAL RUBBER.
APPLICATION : DISCHARGE OF ABRASIVE MATERIALS, SUCH AS SAND, GRAVEL, CEMENT, GRAIN AND POWDER WITHOUT PRESSURE.







KONSTRUKTION : HOCH ABRIEBFEST, NATURGUMMI, BEIGE
ANWENDUNG : ZUR DRUCKLOSEN BEFÖRDERUNG VON ABRASIVEN MEDIEN WIE SAND, KIES, TROCKENEM ZEMENT USW.



COSTRUZIONE : GOMMA NATURALE BEIGE, RESISTENTE ALL'ABRASIONE.
IMPIEGO : SCARICO SENZA PRESSIONE DI MATERIALI ABRASIVI: SABBIA, GHIAIA, CEMENTO, GRANAGLIE E PULVERULENTI.



CONSTRUCTION : CAOUTCHOUC NATUREL BEIGE RESISTANT A L'ABRASION.
APPLICATION : REFOULEMENT SANS PRESSION DES MATIERES ABRASIVES, COMME LE SABLE, GRAVIER, CIMENT, CÉRÉALES ET POUDRES.

|  ID | |  OD | |  W |  L |
|---|-------|---|------|--|--|
| inch | mm | mm | g/m | m | |
| 1" | 25.4 | 35.4 | 475 | 40-46-61 | |
| 1 3/8" | 35 | 45 | 625 | 40-46-61 | |
| 1 3/4" | 45 | 55 | 810 | 40-46-61 | |
| 2" | 50.8 | 60 | 797 | 40-46-61 | |
| 3" | 76.2 | 86.2 | 1269 | 40-46-61 | |
| 3 1/2" | 90 | 100 | 1485 | 40-46-61 | |
| 4" | 101.6 | 111.6 | 1665 | 40-46-61 | |
| 4 1/2" | 114 | 124 | 1867 | 20-40-46 | |
| 5" | 127 | 137 | 2062 | 20 | |
| 5 1/2" | 140 | 150 | 2265 | 20 | |
| 6" | 152.4 | 162.4 | 2460 | 20 | |
| 6 5/8" | 168 | 178 | 2705 | 20 | |
| 8" | 203 | 213 | 3250 | 20 | |
| 8 5/8" | 219 | 229 | 3500 | 10 | |
| 10" | 254 | 264 | 4046 | 10 | |
| 10 3/4" | 273 | 283 | 4343 | 10 | |
| 12" | 306 | 316 | 4855 | 10 | |
| 12 3/4" | 323 | 333 | 5129 | 10 | |
| 14" | 356 | 366 | 5637 | 6 | |
| 16" | 406 | 416 | 6430 | 6 | |
| 17 3/4" | 450 | 460 | 7110 | 2 | |
| 18" | 457 | 467 | 7218 | 6 | |
| 20" | 508 | 518 | 8015 | 6 | |



-40°C / + 70°C
-40°F / +158°F

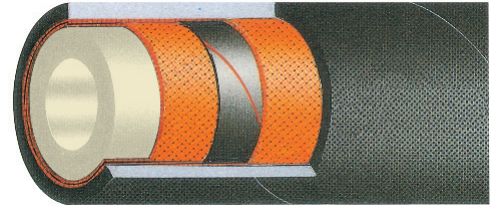
NORMS
NORMEN
NORME
NORMES

ISO 1307

COLOUR
FARBEN
COLORI
COULEUR



Abrasion-Pararub



TUBE : ABRASION RESISTANT NATURAL RUBBER. (BEIGE COLOUR).
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DISCHARGE OF ABRASIVE POWDERS, DUST, GRANULES, SAND, GRAVEL, CEMENT AND POWDER ETC.



SEELE : HOCH ABRIEBFEST, NATURGUMMI, BEIGE.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEPRICKT.
 ANWENDUNG : ZUR BEFÖRDERUNG VON ZEMENT UND ABRASIVEN PULVERN, GRANULATE, SAND UND KIES.



SOTTOSTRATO : GOMMA NATURALE RESISTENTE ALL'ABRASIONE. (COLORE BEIGE).
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI POLVERI ABRASIVE, POLVERI, GRANULI, SABBIA, GHIAIA E CEMENTO ETC.



TUBE : CAOUTCHOUC NATUREL RESISTANT A L'ABRASION. (COULEUR BEIGE).
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, MICRO-PERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DES POUDRES ABRASIVES, POUSSIERES, GRANULES, SABLE, GRAVIER, CIMENT, CÉRÉALES ET POUDRES. ETC.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|------|-----|-----|-----|-----|-------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1" | 25.4 | 37 | 10 | 145 | 30 | 435 | 595 | 40-46-61 |
| 1 1/4" | 32 | 44 | 10 | 145 | 30 | 435 | 780 | 40-46-61 |
| 1 1/2" | 38 | 50 | 10 | 145 | 30 | 435 | 900 | 40-46-61 |
| 2" | 50.8 | 64.5 | 10 | 145 | 30 | 435 | 1350 | 40-46-61 |
| 2 1/2" | 63.5 | 77 | 10 | 145 | 30 | 435 | 1650 | 40-46-61 |
| 3" | 76.2 | 90 | 10 | 145 | 30 | 435 | 1980 | 40-46-61 |
| 3 1/2" | 90 | 104 | 10 | 145 | 30 | 435 | 2430 | 40-46-61 |
| 4" | 101.6 | 118 | 10 | 145 | 30 | 435 | 3145 | 40-46-61 |
| 5" | 127 | 146 | 10 | 145 | 30 | 435 | 4610 | 40-46-61 |
| 6" | 152.4 | 172 | 10 | 145 | 30 | 435 | 5725 | 40-46-61 |
| 8" | 203.2 | 225 | 10 | 145 | 30 | 435 | 8345 | 20-40-46 |
| 10" | 254 | 276 | 10 | 145 | 30 | 435 | 10935 | 25 |



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



PARARUB-L

ABRASION - PARARUB HOSE W.P. 10 Bar (145 PSI)



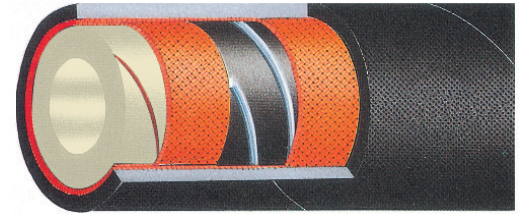
NORMS
 NORMEN
 NORME
 NORMES

ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Abrasion S&D Pararub



TUBE : ABRASION RESISTANT NATURAL RUBBER. (BEIGE COLOUR).
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF ABRASIVE POWDERS, DUST, GRANULES, SAND, GRAVEL, CEMENT AND POWDER ETC.



SEELE : HOCH ABRIEBFEST, NATURGUMMI, BEIGE.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEPRICKT.
 ANWENDUNG : SAUG- DRUCKSCHLAUCH FÜR ZEMENT UND ABRASIVEN PULVERN, GRANULATE, SAND UND KIES.



SOTTOSTRATO : GOMMA NATURALE RESISTENTE ALL'ABRASIONE. (COLORE BEIGE).
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA .
 COPERTURA : GOMMA SPECIALE SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI POLVERI ABRASIVE, POLVERI, GRANULI, SABBIA, GHIAIA E CEMENTO ETC.



TUBE : CAOUTCHOUC NATUREL RESISTANT A L'ABRASION. (COULEUR BEIGE).
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, MICRO-PERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DES POUDRES ABRASIVES, POUSSIERES, GRANULES, SABLE, GRAVIER, CIMENT, CÉRÉALES ET POUDRES. ETC.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-------|-----|-----|-----|-----|-------|--------|-------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 1" | 25.4 | 39 | 10 | 145 | 30 | 435 | -0.92 | 100 | 850 | 40-46-61 | |
| 1 1/4" | 32 | 45 | 10 | 145 | 30 | 435 | -0.92 | 125 | 1010 | 40-46-61 | |
| 1 1/2" | 38 | 52 | 10 | 145 | 30 | 435 | -0.92 | 150 | 1355 | 40-46-61 | |
| 2" | 50.8 | 66 | 10 | 145 | 30 | 435 | -0.92 | 200 | 1920 | 40-46-61 | |
| 2 1/2" | 63.5 | 78.5 | 10 | 145 | 30 | 435 | -0.92 | 250 | 2335 | 40-46-61 | |
| 3" | 76.2 | 92 | 10 | 145 | 30 | 435 | -0.92 | 300 | 3035 | 40-46-61 | |
| 3 1/2" | 90 | 107 | 10 | 145 | 30 | 435 | -0.92 | 360 | 3625 | 40-46-61 | |
| 4" | 101.6 | 120 | 10 | 145 | 30 | 435 | -0.92 | 450 | 4470 | 40-46-61 | |
| 5" | 127 | 149 | 10 | 145 | 30 | 435 | -0.80 | 570 | 6585 | 40-46-61 | |
| 6" | 152.4 | 174.5 | 10 | 145 | 30 | 435 | -0.80 | 700 | 8590 | 40-46-61 | |
| 8" | 203.2 | 229 | 10 | 145 | 30 | 435 | -0.80 | 990 | 13385 | 30 | |
| 10" | 254 | 281 | 10 | 145 | 30 | 435 | -0.80 | 1400 | 16790 | 20 | |



-40°C / + 70°C
 -40°F / +158°F

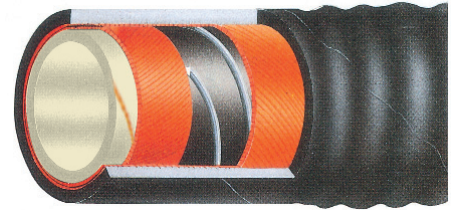
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL PARARUB-SD ABRASION - S/D PARARUB HOSE W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Abrasion S&D Pararub

CORRUGATED



TUBE : ABRASION RESISTANT NATURAL RUBBER. (BEIGE COLOUR).
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT CORRUGATED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF ABRASIVE POWDERS, DUST, GRANULES, SAND, GRAVEL, CEMENT AND POWDER ETC.



SEELE : HOCH ABRIEBFEST, NATURGUMMI, BEIGE.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEWELLT.
 ANWENDUNG : SAUG- DRUCKSCHLAUCH FÜR ZEMENT UND ABRASIVEN PULVERN, GRANULATE, SAND UND KIES



SOTTOSTRATO : GOMMA NATURALE RESISTENTE ALL'ABRASIONE. (COLORE BEIGE).
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA ONDULATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI POLVERI ABRASIVE, POLVERI, GRANULI, SABBIA, GHIAIA E CEMENTO ETC.



TUBE : CAOUTCHOUC NATUREL RESISTANT A L'ABRASION. (COULEUR BEIGE).
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE ONDULE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DES POUDRES ABRASIVES, POUSSIERES, GRANULES, SABLE, GRAVIER, CIMENT, CÉRÉALES ET POUDRES. ETC.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|------|-----|-----|-----|-----|-------|--------|-------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 1" | 25.4 | 37.5 | 10 | 145 | 30 | 435 | -0.92 | 75 | 803 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 10 | 145 | 30 | 435 | -0.92 | 95 | 917 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 10 | 145 | 30 | 435 | -0.92 | 110 | 1230 | 40-46-61 | |
| 2" | 50.8 | 64.5 | 10 | 145 | 30 | 435 | -0.92 | 150 | 1695 | 40-46-61 | |
| 2 1/2" | 63.5 | 77.5 | 10 | 145 | 30 | 435 | -0.92 | 190 | 2280 | 40-46-61 | |
| 3" | 76.2 | 90.5 | 10 | 145 | 30 | 435 | -0.92 | 225 | 2960 | 40-46-61 | |
| 3 1/2" | 90 | 106 | 10 | 145 | 30 | 435 | -0.92 | 270 | 3715 | 40-46-61 | |
| 4" | 101.6 | 119 | 10 | 145 | 30 | 435 | -0.92 | 325 | 4498 | 40-46-61 | |
| 5" | 127 | 147 | 10 | 145 | 30 | 435 | -0.80 | 450 | 6564 | 40-46-61 | |
| 6" | 152.4 | 173 | 10 | 145 | 30 | 435 | -0.80 | 550 | 8640 | 40-46-61 | |
| 8" | 203.2 | 227 | 10 | 145 | 30 | 435 | -0.80 | 900 | 13670 | 30 | |
| 10" | 254 | 279 | 10 | 145 | 30 | 435 | -0.80 | 1200 | 16785 | 20 | |



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

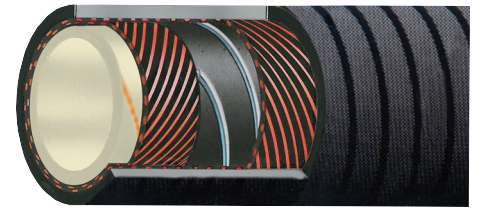


| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Abrasion S&D Pararub

CHANNELED



TUBE : ABRASION RESISTANT NATURAL RUBBER. (BEIGE COLOUR).
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT CHANNELED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF ABRASIVE POWDERS, DUST, GRANULES, SAND, GRAVEL, CEMENT AND POWDER ETC.



SEELE : HOCH ABRIEBFEST, NATURGUMMI, BEIGE.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, KORDELGERIPPT.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH FÜR ZEMENT UND ABRASIVEN PULVERN, GRANULATE, SAND UND KIES.



SOTTOSTRATO : GOMMA NATURALE RESISTENTE ALL'ABRASIONE. (COLORE BEIGE).
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA GRECATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI POLVERI ABRASIVE POLVERI, GRANULI, SABBIA, GHIAIA E CEMENTO ETC.



TUBE : CAOUTCHOUC NATUREL RESISTANT A L'ABRASION. (COULEUR BEIGE).
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE ASPECT CRENELE, RESISTANT A L'ABRASION, A L'OZONO ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DES POUDRES ABRASIVES, POUSSIERES, GRANULES, SABLE, GRAVIER, CIMENT, CÉRÉALES ET POUDRES. ETC.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-------|-----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 1" | 25.4 | 36 | 10 | 145 | 30 | 435 | -0.92 | 50 | 760 | 40-46-61 | |
| 1 1/4" | 32 | 42.5 | 10 | 145 | 30 | 435 | -0.92 | 65 | 920 | 40-46-61 | |
| 1 1/2" | 38 | 48.4 | 10 | 145 | 30 | 435 | -0.92 | 80 | 1065 | 40-46-61 | |
| 2" | 50.8 | 62 | 10 | 145 | 30 | 435 | -0.92 | 115 | 1575 | 40-46-61 | |
| 2 1/2" | 63.5 | 76 | 10 | 145 | 30 | 435 | -0.92 | 160 | 2070 | 40-46-61 | |
| 3" | 76.2 | 89 | 10 | 145 | 30 | 435 | -0.92 | 190 | 2370 | 40-46-61 | |
| 3 1/2" | 90 | 104.5 | 10 | 145 | 30 | 435 | -0.92 | 235 | 3340 | 40-46-61 | |
| 4" | 101.6 | 117.5 | 10 | 145 | 30 | 435 | -0.92 | 265 | 4035 | 40-46-61 | |
| 5" | 127 | 145.5 | 10 | 145 | 30 | 435 | -0.80 | 355 | 6115 | 40-46-61 | |
| 6" | 152.4 | 172 | 10 | 145 | 30 | 435 | -0.80 | 550 | 7810 | 40-46-61 | |



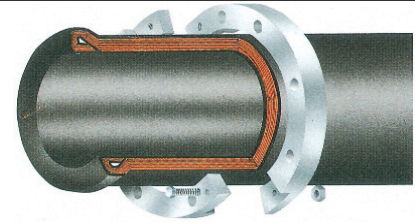
-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL PARARUB-GR ABRASION - S/D PARARUB HOSE W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Material Handling Rubber Beaded End with Flange



TUBE : ABRASION RESISTANT ANTISTATIC NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF ABRASIVE MATERIALS.



SEELE : HOCH ABRIEBFEST, NATURGUMMI, LEITFÄHIG.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH FÜR ABRASIVE MATERIALIEN.



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI ABRASIVI.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DES MATIERES ABRASIVES.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|------|-------|-----|-----|-----|-----|-----|-------|--------|-------|--------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 3" | 76.2 | 103 | 10 | 145 | 30 | 435 | -0.92 | 305 | 5175 | 1 - 61 | |
| 4" | 101.6 | 131 | 10 | 145 | 30 | 435 | -0.92 | 550 | 7230 | 1 - 61 | |
| 5" | 127 | 156 | 10 | 145 | 30 | 435 | -0.80 | 650 | 9180 | 1 - 61 | |
| 6" | 152.4 | 180 | 10 | 145 | 30 | 435 | -0.80 | 900 | 10550 | 1 - 61 | |
| 8" | 203 | 233 | 10 | 145 | 30 | 435 | -0.80 | 1200 | 15520 | 1 - 20 | |
| 10" | 254 | 291 | 8 | 116 | 24 | 348 | -0.80 | 1600 | 23500 | 1 - 10 | |
| 12" | 298 | 333 | 8 | 116 | 24 | 348 | -0.80 | 2050 | 27100 | 1 - 10 | |

Abrasion loss value: Acc DIN 53516 ≤ 60 mm³
 Abriebwert nach DIN 53516 ≤ 60 mm³
 Perdita d'abrasione in accordo alla norma DIN 53516 ≤ 60 mm³
 Indice d'abrasion: Selon la norme DIN 53516 ≤ 60 mm³

NOTES ON ORDERING
 A - Inside diameter
 B - Length (Overall Length)
 C - Working pressure
 D - Type ends or end fittings
 E - Applications (Much detail as possible)
 F - Working temperature

BEMERKUNGEN ZUM AUFTRAG
 A - Innendurchmesser
 B - Schlauchlänge F-F
 C - Betriebsdruck
 D - Flanschbezeichnung
 E - Einsatzbedingungen (Möglichst viele Information angeben)
 F - Betriebstemperatur

NOTE ORDINI
 A - Diametro interno
 B - Lunghezza (Flange incluso)
 C - Pressione di lavoro
 D - Specificazioni per le flange
 E - Applicazione (Massimo dettagli possibile)
 F - Temperatura di lavoro

PRECISIONS NECESSAIRES
 A - Diametre interieur
 B - Longueur (Brides incluses)
 C - Pression de service
 D - Specificaions des brides
 E - Applications (Plus de details possible)
 F - Temperature de travail



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



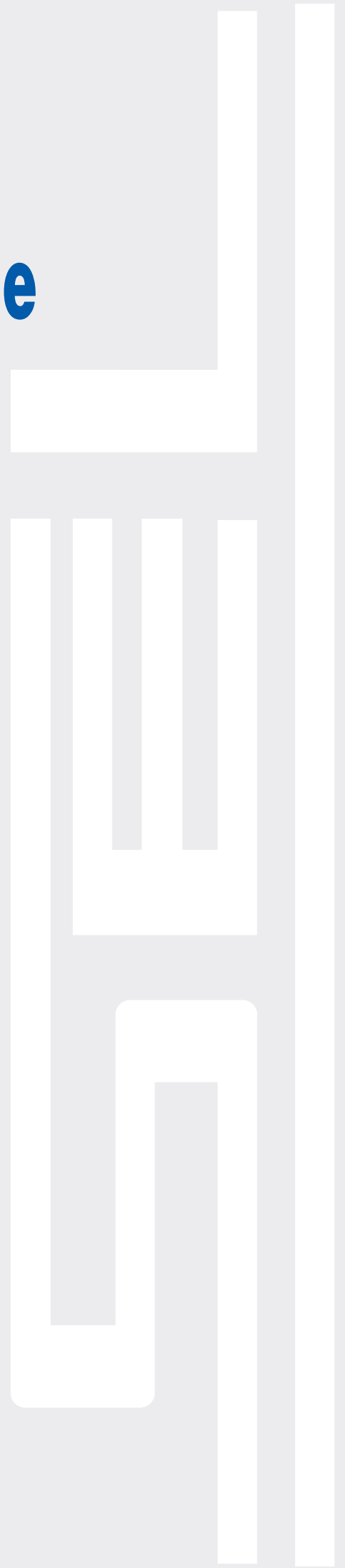
| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Food

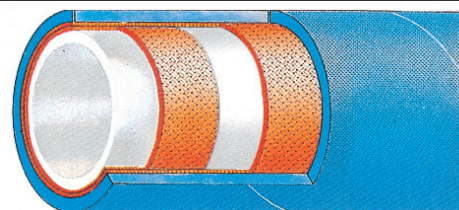
Lebensmittel Schläuche

Prodotti Alimentari

Produits Alimentaires



Potable Water Delivery



TUBE : WHITE NON-TOXIC, FOOD QUALITY, TASTE AND ODOUR FREE, SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DISCHARGE OF POTABLE WATER.



SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, LEBENSMITTELECHT, SPEZIELLER SYNTHETISCHER GUMMI, WEISS, SCHADSTOFFFREI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : ZUM DURCHLEITEN VON TRINKWASSER.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA BIANCA ATOSSICA, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI ACQUA POTABILE.



TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL BLANC, NON TOXIQUE, QUALITE ALIMENTAIRE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT D'EAU POTABLE.

| ID | | OD | | WP | | BP | | W | L |
|--------|-------|-------|----|-----|-----|-----|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/4" | 19 | 30 | 10 | 145 | 30 | 435 | 634 | 40-46-61 | |
| 1" | 25.4 | 37 | 10 | 145 | 30 | 435 | 820 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 10 | 145 | 30 | 435 | 1080 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 10 | 145 | 30 | 435 | 1365 | 40-46-61 | |
| 1 3/4" | 44.5 | 57.5 | 10 | 145 | 30 | 435 | 1565 | 40-46-61 | |
| 2" | 50.8 | 65 | 10 | 145 | 30 | 435 | 1910 | 40-46-61 | |
| 2 1/2" | 63.5 | 77.5 | 10 | 145 | 30 | 435 | 2330 | 40-46-61 | |
| 3" | 76.2 | 92 | 10 | 145 | 30 | 435 | 3030 | 40-46-61 | |
| 4" | 101.6 | 117.5 | 10 | 145 | 30 | 435 | 3955 | 40-46-61 | |

Sanification : Max. 120 °C for 15 min. with steam, max. 50 °C for 15 min. with caustic soda (5%).
 Sterilisierung : Bei max. 120 °C für 15 min. mit dampf, bei max. 50 °C für 15 min. mit natronlauge (5%).
 Sanificazione : Massimo 120 °C per 15 minuti con vapore, massimo 50 °C per 15 minuti con soda caustica (5%).
 Sanification : 120 °C max. pendant 15 min. avec vapeur à 50 °C max. pendant 15 min. avec soude caustique (5%).



-40°C / + 70°C
 -40°F / +158°F

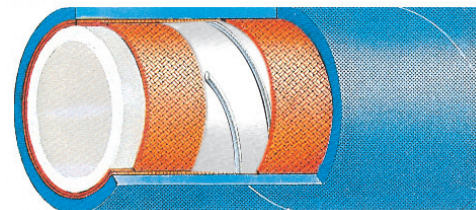
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|------------------------------------|---------------------------------------|--|



Potable Water S&D



TUBE : WHITE, NON-TOXIC, FOOD QUALITY, TASTE AND ODOUR FREE, SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF POTABLE WATER.



SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, LEBENSMITTELECHT, SPEZIELLER SYNTHETISCHER GUMMI, WEISS, SCHADSTOFFFREI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : FÜR TRINKWASSER GEEIGNETER SAUG- UND DRUCKSCHLAUCH.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA BIANCA ATOSSICA, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI ACQUA POTABILE.



TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL BLANC, NON TOXIQUE, QUALITE ALIMENTAIRE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE..
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'EAU POTABLE.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-------|----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 31 | 10 | 145 | 30 | 435 | -0.92 | 60 | 730 | 40-46-61 | |
| 1" | 25.4 | 38 | 10 | 145 | 30 | 435 | -0.92 | 80 | 984 | 40-46-61 | |
| 1 1/4" | 32 | 45 | 10 | 145 | 30 | 435 | -0.92 | 100 | 1260 | 40-46-61 | |
| 1 1/2" | 38 | 52 | 10 | 145 | 30 | 435 | -0.92 | 120 | 1690 | 40-46-61 | |
| 1 3/4" | 44.5 | 58.5 | 10 | 145 | 30 | 435 | -0.92 | 145 | 1870 | 40-46-61 | |
| 2" | 50.8 | 66 | 10 | 145 | 30 | 435 | -0.92 | 165 | 2335 | 40-46-61 | |
| 2 1/2" | 63.5 | 78.5 | 10 | 145 | 30 | 435 | -0.92 | 250 | 2860 | 40-46-61 | |
| 3" | 76.2 | 93 | 10 | 145 | 30 | 435 | -0.92 | 380 | 3805 | 40-46-61 | |
| 4" | 101.6 | 118.5 | 10 | 145 | 30 | 435 | -0.92 | 500 | 4835 | 40-46-61 | |

Sanification : Max. 120 °C for 15 min. with steam, max. 50 °C for 15 min. with caustic soda (5%).
 Sterilisierung : Bei max. 120 °C für 15 min. mit dampf, bei max. 50 °C für 15 min. mit natronlauge (5%).
 Sanificazione : Massimo 120 °C per 15 minuti con vapore, massimo 50 °C per 15 minuti con soda caustica (5%).
 Sanification : 120 °C max. pendant 15 min. avec vapeur à 50 °C max. pendant 15 min. avec soude caustique (5%).



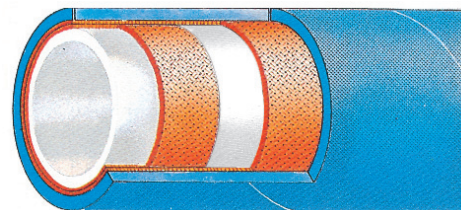
-40 °C / + 70 °C
 -40 °F / +158 °F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL SPRING SD/10 POTABLE WATER S/D HOSE - W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|------------------------------------|---------------------------------------|--|

Milk Delivery



TUBE : WHITE, NON-TOXIC, TASTE AND ODOUR FREE, VEGETABLE OIL RESISTANT, FOOD GRADE NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE .
 COVER : OIL, WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : DISCHARGE OF MILK FOR USE ON TANK TRUCK OR TANK VAGON.



SEELE : GESCHMACKS- UND GERUCHSNEUTRAL , LEBENSMITTELECHT , SPEZIELLER NBR GUMMI, WEISS, SCHADSTOFFFREI, BESTÄNDIG GEGEN PFLANZLICHE ÖLE.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ÖL-, OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : DRUCKSCHLAUCH FÜR MILCHSAMMELWAGEN UND MILCHSILOS.



SOTTOSTRATO : GOMMA NBR BIANCA ATOSSICA, DI QUALITA'ALIMENTARE INSAPORE ED INODORE, ADATTA PER IL PASSAGGIO DI LATTE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTANTE ALL'ABRASIONE, AGLI OLI, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI LATTE, IDONEO PER IL TRASPORTO SU VAGONI E CAMION CISTERNA ETC.



TUBE : CAOUTCHOUC NBR BLANC QUALITE ALIMENTAIRE, NON TOXIQUE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT, RESISTANT AUX HUILES VEGETALES .
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE .
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE, AUX HUILES ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE LAIT, SUR LES WAGONS ET LES CAMIONS CITERNES ETC.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|------|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/4" | 19 | 28.5 | 6 | 87 | 18 | 261 | 505 | 40-46-61 |
| 1" | 25.4 | 35 | 6 | 87 | 18 | 261 | 643 | 40-46-61 |
| 1 1/4" | 32 | 43 | 6 | 87 | 18 | 261 | 960 | 40-46-61 |
| 1 1/2" | 38 | 49 | 6 | 87 | 18 | 261 | 1125 | 40-46-61 |
| 1 3/4" | 44.5 | 55.5 | 6 | 87 | 18 | 261 | 1295 | 40-46-61 |
| 2" | 50.8 | 62 | 6 | 87 | 18 | 261 | 1490 | 40-46-61 |
| 2 1/2" | 63.5 | 75 | 6 | 87 | 18 | 261 | 1795 | 40-46-61 |
| 3" | 76.2 | 89 | 6 | 87 | 18 | 261 | 2320 | 40-46-61 |
| 4" | 101.6 | 115 | 6 | 87 | 18 | 261 | 3175 | 40-46-61 |

Sanification : Max. 120 °C for 15 min. with steam, max. 50 °C for 15 min. with caustic soda (5%).
 Sterilisierung : Bei max. 120 °C für 15 min. mit dampf, bei max. 50 °C für 15 min. mit natronlauge (5%).
 Sanificazione : Massimo 120 °C per 15 minuti con vapore, massimo 50 °C per 15 minuti con soda caustica (5%).
 Sanification : 120 °C max. pendant 15 min. avec vapeur à 50 °C max. pendant 15 min. avec soude caustique (5%).



-40°C / + 80°C
 -40°F / +176°F

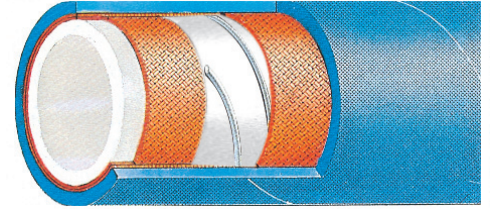
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|------------------------------------|---------------------------------------|--|



Milk Suction & Delivery



TUBE : WHITE, NON-TOXIC, TASTE AND ODOUR FREE, VEGETABLE OIL RESISTANT, FOOD GRADE NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : OIL, WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : SUCTION AND DISCHARGE OF MILK FOR USE ON TANK TRUCK OR TANK VAGON.



SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, LEBENSMITTELECHT, SPEZIELLER NBR GUMMI, WEISS, SCHADSTOFFFREI, BESTÄNDIG GEGEN PFLANZLICHE ÖLE
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ÖL-, OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : DRUCKSCHLAUCH FÜR MILCH, PFLANZLICHE ÖLE UND GETRÄNKE



SOTTOSTRATO : GOMMA NBR BIANCA ATOSSICA, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE, ADATTA PER IL PASSAGGIO DI LATTE, ED OLI VEGETALI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE ALL'ABRASIONE, AGLI OLI, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : ASPIRAZIONE E MANDATA DI LATTE, IDONEO PER IL TRASPORTO SU WAGONI E CAMION CISTERNA ETC.



TUBE : CAOUTCHOUC NBR BLANC QUALITE ALIMENTAIRE, NON TOXIQUE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT, RESISTANT AUX HUILES VEGETALES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE, AUX HUILES ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE LAIT, SUR LES WAGONS ET LES CAMIONS CITERNES ETC.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|------|----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 29 | 6 | 87 | 18 | 261 | -0.92 | 60 | 620 | 40-46-61 | |
| 1" | 25.4 | 36 | 6 | 87 | 18 | 261 | -0.92 | 85 | 805 | 40-46-61 | |
| 1 1/4" | 32 | 43 | 6 | 87 | 18 | 261 | -0.92 | 105 | 1055 | 40-46-61 | |
| 1 1/2" | 38 | 49 | 6 | 87 | 18 | 261 | -0.92 | 125 | 1361 | 40-46-61 | |
| 1 3/4" | 44.5 | 56 | 6 | 87 | 18 | 261 | -0.92 | 150 | 1661 | 40-46-61 | |
| 2" | 50.8 | 62.5 | 6 | 87 | 18 | 261 | -0.92 | 170 | 1870 | 40-46-61 | |
| 2 1/2" | 63.5 | 74.5 | 6 | 87 | 18 | 261 | -0.92 | 200 | 2185 | 40-46-61 | |
| 3" | 76.2 | 89 | 6 | 87 | 18 | 261 | -0.92 | 380 | 3080 | 40-46-61 | |
| 4" | 101.6 | 115 | 6 | 87 | 18 | 261 | -0.92 | 500 | 4275 | 40-46-61 | |

Sanification : Max. 120 °C for 15 min. with steam, max. 50 °C for 15 min. with caustic soda (5%).
 Sterilisierung : Bei max. 120 °C für 15 min. mit dampf, bei max. 50 °C für 15 min. mit natronlauge (5%).
 Sanificazione : Massimo 120 °C per 15 minuti con vapore, massimo 50 °C per 15 minuti con soda caustica (5%).
 Sanification : 120 °C max. pendant 15 min. avec vapeur à 50 °C max. pendant 15 min. avec soude caustique (5%).



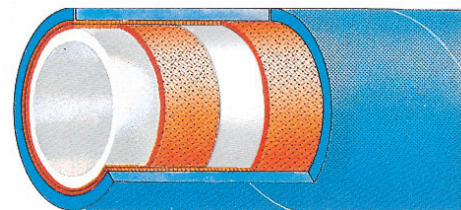
-40 °C / + 80 °C
 -40 °F / +176 °F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL **MITANK SD/6** MILK & VEGETABLE OIL S/D HOSE - W.P. 6 Bar (87 PSI)

| | | | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|--|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|--|--|

Milk & Vegetable Oil Delivery



TUBE : WHITE, NON-TOXIC, TASTE AND ODOUR FREE, VEGETABLE OIL RESISTANT, FOOD GRADE NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : OIL, WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DISCHARGE OF MILK, VEGETABLE OIL AND BEVERAGES.



SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, LEBENSMITTELECHT, SPEZIELLER SYNTHETISCHER NBR GUMMI, WEISS, SCHADSTOFFFREI, BESTÄNDIG GEGEN PFLANZLICHE ÖLE.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE.
 DECKE : ÖL-, OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : SAUG-DRUCKSCHLAUCH FÜR MILCHSAMMELWAGEN UND MILCHSILOS.



SOTTOSTRATO : GOMMA NBR BIANCA ATOSSICA, DI QUALITA'ALIMENTARE INSAPORE ED INODORE, ADATTA PER IL PASSAGGIO DI LATTE, ED OLI VEGETALI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE ALL'ABRASIONE, AGLI OLI, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI ALIMENTARI, GRASSI, E LATTE.



TUBE : CAOUTCHOUC NBR BLANC QUALITE ALIMENTAIRE, NON TOXIQUE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT, RESISTANT AUX HUILES VEGETALES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE, AUX HUILES ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LE REFOULEMENT DE LAIT, DES BOISSONS ET DES HUILES VEGETALES.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-------|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/4" | 19 | 30 | 10 | 145 | 30 | 435 | 613 | 40-46-61 |
| 1" | 25.4 | 37 | 10 | 145 | 30 | 435 | 793 | 40-46-61 |
| 1 1/4" | 32 | 44 | 10 | 145 | 30 | 435 | 1048 | 40-46-61 |
| 1 1/2" | 38 | 51 | 10 | 145 | 30 | 435 | 1314 | 40-46-61 |
| 1 3/4" | 44.5 | 57.5 | 10 | 145 | 30 | 435 | 1507 | 40-46-61 |
| 2" | 50.8 | 65 | 10 | 145 | 30 | 435 | 1835 | 40-46-61 |
| 2 1/2" | 63.5 | 77.5 | 10 | 145 | 30 | 435 | 2269 | 40-46-61 |
| 3" | 76.2 | 92 | 10 | 145 | 30 | 435 | 2928 | 40-46-61 |
| 4" | 101.6 | 117.5 | 10 | 145 | 30 | 435 | 3825 | 40-46-61 |

Sanification : Max. 120 °C for 15 min. with steam, max. 50 °C for 15 min. with caustic soda (5%).
 Sterilisierung : Bei max. 120 °C für 15 min. mit dampf, bei max. 50 °C für 15 min. mit natronlauge (5%).
 Sanificazione : Massimo 120 °C per 15 minuti con vapore, massimo 50 °C per 15 minuti con soda caustica (5%).
 Sanification : 120 °C max. pendant 15 min. avec vapeur à 50 °C max. pendant 15 min. avec soude caustique (5%).



-40°C / + 80°C
 -40°F / +176°F

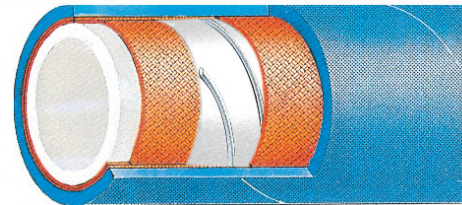
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|------------------------------------|---------------------------------------|--|



Milk & Vegetable Oil S&D



TUBE : WHITE, NON-TOXIC, TASTE AND ODOUR FREE, VEGETABLE OIL RESISTANT, FOOD GRADE NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : OIL, WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : SUCTION AND DISCHARGE OF MILK, VEGETABLE OIL AND BEVERAGES.



SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, LEBENSMITTELECHT, SPEZIELLER SYNTHETISCHER NBR GUMMI, WEISS, SCHADSTOFFFREI, BESTÄNDIG GEGEN PFLANZLICHE ÖLE.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE.
 DECKE : ÖL-, OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : SAUG-DRUCKSCHLAUCH FÜR MILCH, PFLANZLICHE ÖLE UND GETRÄNKE.



SOTTOSTRATO : GOMMA NBR BIANCA ATOSSICA, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE, ADATTA PER IL PASSAGGIO DI LATTE, ED OLI VEGETALI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTANTE ALL'ABRASIONE, AGLI OLI, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : ASPIRAZIONE E MANDATA DI PRODOTTI ALIMENTARI, GRASSI, E LATTE.



TUBE : CAOUTCHOUC NBR BLANC QUALITÉ ALIMENTAIRE, NON TOXIQUE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT, RESISTANT AUX HUILES VÉGÉTALES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITÉ ET SPIRALE EN ACIER NOYÉE.
 REVÊTEMENT : CAOUTCHOUC SYNTHÉTIQUE SPÉCIAL, RESISTANT À L'ABRASION, À L'OZONE, AUX HUILES ET AUX AGENTS ATMOSPHÉRIQUES.
 APPLICATION : POUR L'ASPIRATION ET LE REFOULEMENT DE LAIT, DES HUILES VÉGÉTALES ET DES BOISSONS.

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-------|-----|-----|-----|-----|--------|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 31 | 10 | 145 | 30 | 435 | -0.92 | 70 | 705 | 40-46-61 |
| 1" | 25.4 | 38 | 10 | 145 | 30 | 435 | -0.92 | 85 | 955 | 40-46-61 |
| 1 1/4" | 32 | 45 | 10 | 145 | 30 | 435 | -0.92 | 100 | 1225 | 40-46-61 |
| 1 1/2" | 38 | 52 | 10 | 145 | 30 | 435 | -0.92 | 120 | 1650 | 40-46-61 |
| 1 3/4" | 44.5 | 58.5 | 10 | 145 | 30 | 435 | -0.92 | 140 | 1830 | 40-46-61 |
| 2" | 50.8 | 66 | 10 | 145 | 30 | 435 | -0.92 | 160 | 2285 | 40-46-61 |
| 2 1/2" | 63.5 | 78.5 | 10 | 145 | 30 | 435 | -0.92 | 280 | 2797 | 40-46-61 |
| 3" | 76.2 | 93 | 10 | 145 | 30 | 435 | -0.92 | 360 | 3735 | 40-46-61 |
| 4" | 101.6 | 118.5 | 10 | 145 | 30 | 435 | -0.92 | 450 | 4725 | 40-46-61 |

Sanification : Max. 120 °C for 15 min. with steam, max. 50 °C for 15 min. with caustic soda (5%).
 Sterilisierung : Bei max. 120 °C für 15 min. mit dampf, bei max. 50 °C für 15 min. mit natronlauge (5%).
 Sanificazione : Massimo 120 °C per 15 minuti con vapore, massimo 50 °C per 15 minuti con soda caustica (5%).
 Sanification : 120 °C max. pendant 15 min. avec vapeur à 50 °C max. pendant 15 min. avec soude caustique (5%).



-40 °C / + 80 °C
 -40 °F / +176 °F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL **KREMA SD/10** MILK & VEGETABLE OIL S/D HOSE - W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|------------------------------------|---------------------------------------|--|

Beer & Wine Delivery



TUBE : WHITE COLOUR, NON-TOXIC, TASTE AND ODOUR FREE, EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DELIVERY OF BEVERAGES SUCH AS WINE, LIQUEUR, BEER, FRUIT JUICES, MINERAL WATER ETC.



SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, SPEZIELLER EPDM GUMMI, WEISS, SCHADSTOFFFREI
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : ZUM DURCHLEITEN VON GETRÄNKEN WIE WEIN, BIER, FRUCHTSÄFTE, MINERALWASSER, LIKÖRE USW.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA IN EPDM BIANCA ATOSSICA, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI ALIMENTI COME: BIRRA, VINO, LIQUORI, ACQUA MINERALE, E SUCCHI DI FRUTTA ETC.



TUBE : CAOUTCHOUC EPDM COULEUR BLANCHE, NON TOXIQUE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE BOISSONS TELLES QUE LE VIN, LES LIQUEURS, LA BIERE, L'EAU MINERALES, JUS DE FRUITS, ETC.

| ID | | OD | | WP | | BP | | W | L |
|------|----|----|-----|-----|-----|-----|-----|---|---|
| inch | mm | mm | bar | psi | bar | psi | g/m | m | |

6 BAR

| | | | | | | | | |
|--------|-------|------|---|----|----|-----|------|----------|
| 3/4" | 19 | 28.5 | 6 | 87 | 18 | 261 | 472 | 40-46-61 |
| 1" | 25.4 | 35 | 6 | 87 | 18 | 261 | 600 | 40-46-61 |
| 1 1/4" | 32 | 43 | 6 | 87 | 18 | 261 | 887 | 40-46-61 |
| 1 1/2" | 38 | 49 | 6 | 87 | 18 | 261 | 990 | 40-46-61 |
| 1 3/4" | 44.5 | 55.5 | 6 | 87 | 18 | 261 | 1140 | 40-46-61 |
| 2" | 50.8 | 62 | 6 | 87 | 18 | 261 | 1315 | 40-46-61 |
| 2 1/2" | 63.5 | 75 | 6 | 87 | 18 | 261 | 1665 | 40-46-61 |
| 3" | 76.2 | 89 | 6 | 87 | 18 | 261 | 2145 | 40-46-61 |
| 4" | 101.6 | 115 | 6 | 87 | 18 | 261 | 2930 | 40-46-61 |

10 BAR

| | | | | | | | | |
|--------|-------|-------|----|-----|----|-----|------|----------|
| 3/4" | 19 | 30 | 10 | 145 | 30 | 435 | 556 | 40-46-61 |
| 1" | 25.4 | 37 | 10 | 145 | 30 | 435 | 719 | 40-46-61 |
| 1 1/4" | 32 | 44 | 10 | 145 | 30 | 435 | 945 | 40-46-61 |
| 1 1/2" | 38 | 51 | 10 | 145 | 30 | 435 | 1186 | 40-46-61 |
| 1 3/4" | 44.5 | 57.5 | 10 | 145 | 30 | 435 | 1360 | 40-46-61 |
| 2" | 50.8 | 65 | 10 | 145 | 30 | 435 | 1657 | 40-46-61 |
| 2 1/2" | 63.5 | 77.5 | 10 | 145 | 30 | 435 | 2078 | 40-46-61 |
| 3" | 76.2 | 92 | 10 | 145 | 30 | 435 | 2680 | 40-46-61 |
| 4" | 101.6 | 117.5 | 10 | 145 | 30 | 435 | 3544 | 40-46-61 |



-40°C / +120°C
 -40°F / +248°F

Sanification : Max. 130 °C for 15 min. with steam, max. 60 °C for 15 min. with caustic soda (5%).
 Sterilisierung : Bei max. 130 °C für 15 min. mit dampf, bei max. 60 °C für 15 min. mit natronlauge (5%).
 Sanificazione : Massimo 130 °C per 15 minuti con vapore, massimo 60 °C per 15 minuti con soda caustica (5%).
 Sanification : 130 °C max. pendant 15 min. avec vapeur à 60 °C max. pendant 15 min. avec soude caustique (5%).

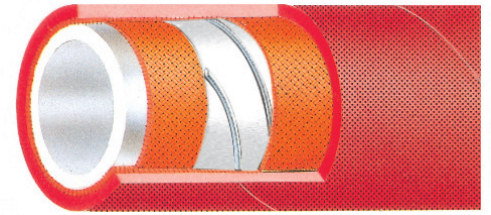
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|------------------------------------|---------------------------------------|--|



Beer & Wine S&D



| | |
|--|--|
| | TUBE : WHITE COLOUR, NON-TOXIC, TASTE AND ODOUR FREE, EPDM RUBBER. REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX. COVER : WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER. APPLICATION : FOR SUCTION AND DELIVERY OF BEVERAGES SUCH AS WINE, LIQUEUR, BEER, FRUIT JUICES, MINERAL WATER ETC. |
| | SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, SPEZIELLER EPDM GUMMI, WEISS, SCHADSTOFFFREI. EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE. DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI. ANWENDUNG : SAUG-DRUCKSCHLAUCH FÜR GETRÄNKE WIE WEIN, BIER, FRUCHTSÄFTE, MINERALWASSER, LIKÖRE USW. |
| | SOTTOSTRATO : GOMMA SPECIALE SINTETICA IN EPDM BIANCA ATOSSICA, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE. RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE METALLICA. COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI. IMPIEGO : PER ASPIRAZIONE E MANDATA DI ALIMENTI COME: BIRRA, VINO, LIQUORI, ACQUA MINERALE, E SUCCHI DI FRUTTA ETC. |
| | TUBE : CAOUTCHOUC EPDM COULEUR BLANCHE, NON TOXIQUE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT. REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE. RETEVEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES. APPLICATION : POUR ASPIRATION ET REFOULEMENT DE BOISSONS TELLES QUE LE VIN, LES LIQUEURS, LA BIERE, L'EAU MINERALES, JUS DE FRUITS, ETC. |

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|---------------|-------|-------|-----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 6 BAR | | | | | | | | | | | |
| 3/4" | 19 | 29 | 6 | 87 | 18 | 261 | -0.92 | 50 | 586 | 40-46-61 | |
| 1" | 25.4 | 36 | 6 | 87 | 18 | 261 | -0.92 | 70 | 760 | 40-46-61 | |
| 1 1/4" | 32 | 43 | 6 | 87 | 18 | 261 | -0.92 | 90 | 995 | 40-46-61 | |
| 1 1/2" | 38 | 49 | 6 | 87 | 18 | 261 | -0.92 | 100 | 1295 | 40-46-61 | |
| 1 3/4" | 44.5 | 56 | 6 | 87 | 18 | 261 | -0.92 | 120 | 1520 | 40-46-61 | |
| 2" | 50.8 | 62.5 | 6 | 87 | 18 | 261 | -0.92 | 140 | 1710 | 40-46-61 | |
| 2 1/2" | 63.5 | 74.5 | 6 | 87 | 18 | 261 | -0.92 | 260 | 2000 | 40-46-61 | |
| 3" | 76.2 | 89 | 6 | 87 | 18 | 261 | -0.92 | 310 | 2930 | 40-46-61 | |
| 4" | 101.6 | 115 | 6 | 87 | 18 | 261 | -0.92 | 420 | 4055 | 40-46-61 | |
| 10 BAR | | | | | | | | | | | |
| 3/4" | 19 | 30 | 10 | 145 | 30 | 435 | -0.92 | 60 | 556 | 40-46-61 | |
| 1" | 25.4 | 37 | 10 | 145 | 30 | 435 | -0.92 | 75 | 719 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 10 | 145 | 30 | 435 | -0.92 | 95 | 945 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 10 | 145 | 30 | 435 | -0.92 | 110 | 1186 | 40-46-61 | |
| 1 3/4" | 44.5 | 57.5 | 10 | 145 | 30 | 435 | -0.92 | 130 | 1360 | 40-46-61 | |
| 2" | 50.8 | 65 | 10 | 145 | 30 | 435 | -0.92 | 150 | 1657 | 40-46-61 | |
| 2 1/2" | 63.5 | 77.5 | 10 | 145 | 30 | 435 | -0.92 | 280 | 2078 | 40-46-61 | |
| 3" | 76.2 | 92 | 10 | 145 | 30 | 435 | -0.92 | 340 | 2680 | 40-46-61 | |
| 4" | 101.6 | 117.5 | 10 | 145 | 30 | 435 | -0.92 | 450 | 3544 | 40-46-61 | |



-40°C / +120°C
-40°F / +248°F

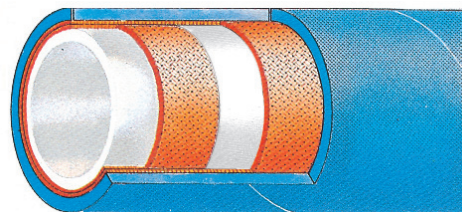
Sanification : Max. 130 °C for 15 min. with steam, max. 60 °C for 15 min. with caustic soda (5%).
Sterilisierung : Bei max. 130 °C für 15 min. mit dampf, bei max. 60 °C für 15 min. mit natronlauge (5%).
Sanificazione : Massimo 130 °C per 15 minuti con vapore, massimo 60 °C per 15 minuti con soda caustica (5%).
Sanification : 130 °C max. pendant 15 min. avec vapeur à 60 °C max. pendant 15 min. avec soude caustique (5%).

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|--|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|--|--|

Foodstuff Delivery



TUBE : WHITE COLOUR NON-TOXIC, TASTE AND ODOUR FREE, NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DISCHARGE OF FOODSTUFF, SUCH AS WATER, FRUIT JUICES, ETC. NOT RECOMMENDED FOR OILY OR FATTY FOODS.



SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, SPEZIELLER NATURGUMMI, WEISS, SCHADSTOFFFREI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : ZUM DURCHLEITEN VON GETRÄNKEN WIE WASSER, FRUCHTSÄFTE, USW. UNGEEIGNET FÜR ÖL- UND FETTHALTIGE PRODUKTE



SOTTOSTRATO : GOMMA NATURALE BIANCA ATOSSICA, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI ALIMENTARI COME, ACQUA, SUCCHI DI FRUTTA, ETC, NON CONSIGLIABILE PER PRODOTTI CONTENENTI GRASSI.



TUBE : CAOUTCHOUC NATURALE COULEUR BLANCHE, NON TOXIQUE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE PRODUITS ALIMENTAIRES NON GRAS, EAUX, JUS DE FRUITS, ETC.

| ID | | OD | | WP | | BP | | W | L |
|------|----|----|-----|-----|-----|-----|-----|---|---|
| inch | mm | mm | bar | psi | bar | psi | g/m | m | |

6 BAR

| | | | | | | | | |
|--------|-------|------|---|----|----|-----|------|----------|
| 3/4" | 19 | 28.5 | 6 | 87 | 18 | 261 | 531 | 40-46-61 |
| 1" | 25.4 | 35 | 6 | 87 | 18 | 261 | 675 | 40-46-61 |
| 1 1/4" | 32 | 43 | 6 | 87 | 18 | 261 | 994 | 40-46-61 |
| 1 1/2" | 38 | 49 | 6 | 87 | 18 | 261 | 1142 | 40-46-61 |
| 1 3/4" | 44.5 | 55.5 | 6 | 87 | 18 | 261 | 1315 | 40-46-61 |
| 2" | 50.8 | 62 | 6 | 87 | 18 | 261 | 1510 | 40-46-61 |
| 2 1/2" | 63.5 | 75 | 6 | 87 | 18 | 261 | 1870 | 40-46-61 |
| 3" | 76.2 | 89 | 6 | 87 | 18 | 261 | 2418 | 40-46-61 |
| 4" | 101.6 | 115 | 6 | 87 | 18 | 261 | 3315 | 40-46-61 |

10 BAR

| | | | | | | | | |
|--------|-------|-------|----|-----|----|-----|------|----------|
| 3/4" | 19 | 30 | 10 | 145 | 30 | 435 | 625 | 40-46-61 |
| 1" | 25.4 | 37 | 10 | 145 | 30 | 435 | 810 | 40-46-61 |
| 1 1/4" | 32 | 44 | 10 | 145 | 30 | 435 | 1055 | 40-46-61 |
| 1 1/2" | 38 | 51 | 10 | 145 | 30 | 435 | 1335 | 40-46-61 |
| 1 3/4" | 44.5 | 57.5 | 10 | 145 | 30 | 435 | 1530 | 40-46-61 |
| 2" | 50.8 | 65 | 10 | 145 | 30 | 435 | 1870 | 40-46-61 |
| 2 1/2" | 63.5 | 77.5 | 10 | 145 | 30 | 435 | 2285 | 40-46-61 |
| 3" | 76.2 | 92 | 10 | 145 | 30 | 435 | 2975 | 40-46-61 |
| 4" | 101.6 | 117.5 | 10 | 145 | 30 | 435 | 3935 | 40-46-61 |



-40°C / + 80°C
 -40°F / +176°F

Sanification : Max. 110 °C for 15 min. with steam, max. 40 °C for 15 min. with caustic soda (5%).
 Sterilisation : Bei max. 110 °C für 15 min. mit dampf, bei max. 40 °C für 15 min. mit natronlauge (5%).
 Sanificazione : Massimo 110 °C per 15 minuti con vapore, massimo 40 °C per 15 minuti con soda caustica (5%).
 Sanification : 110 °C max. pendant 15 min. avec vapeur à 40 °C max. pendant 15 min. avec soude caustique (5%).

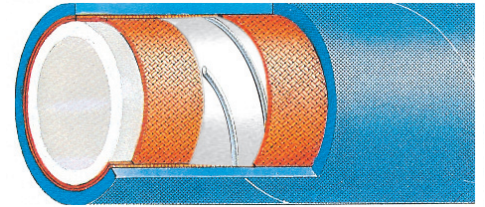
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**





| | | | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|--|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|--|--|





Foodstuff S&D



 TUBE : WHITE COLOUR NON-TOXIC, TASTE AND ODOUR FREE, NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF FOODSTUFF, SUCH AS WATER, FRUIT JUICES, ETC. NOT RECOMMENDED FOR OILY OR FATTY FOODS.

 SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, SPEZIELLER NATURGUMMI, WEISS, SCHADSTOFFFREI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH FÜR GETRÄNKE WIE WASSER, FRUCHTSÄFTE, USW. UNGEEIGNET FÜR ÖL- UND FETTHALTIGE PRODUKTE.

 SOTTOSTRATO : GOMMA NATURALE BIANCA ATOSSICA, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI ALIMENTARI COME, ACQUA, SUCCHI DI FRUTTA, ETC, NON CONSIGLIABILE PER PRODOTTI CONTENENTI GRASSI.

 TUBE : CAOUTCHOUC NATUREL COULEUR BLANCHE, NON TOXIQUE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE PRODUITS ALIMENTAIRES NON GRAS, EAUX, JUS DE FRUITS, ETC.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|------|----|----|-----|-----|-----|-----|-----|--------|------|---|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |

| 6 BAR | | | | | | | | | | |
|--------|-------|------|---|----|----|-----|-------|-----|------|----------|
| 3/4" | 19 | 29 | 6 | 87 | 18 | 261 | -0.92 | 50 | 650 | 40-46-61 |
| 1" | 25.4 | 36 | 6 | 87 | 18 | 261 | -0.92 | 70 | 840 | 40-46-61 |
| 1 1/4" | 32 | 43 | 6 | 87 | 18 | 261 | -0.92 | 85 | 1100 | 40-46-61 |
| 1 1/2" | 38 | 49 | 6 | 87 | 18 | 261 | -0.92 | 100 | 1415 | 40-46-61 |
| 1 3/4" | 44.5 | 56 | 6 | 87 | 18 | 261 | -0.92 | 120 | 1700 | 40-46-61 |
| 2" | 50.8 | 62.5 | 6 | 87 | 18 | 261 | -0.92 | 140 | 1910 | 40-46-61 |
| 2 1/2" | 63.5 | 74.5 | 6 | 87 | 18 | 261 | -0.92 | 250 | 2230 | 40-46-61 |
| 3" | 76.2 | 89 | 6 | 87 | 18 | 261 | -0.92 | 310 | 3005 | 40-46-61 |
| 4" | 101.6 | 115 | 6 | 87 | 18 | 261 | -0.92 | 420 | 4170 | 40-46-61 |

| 10 BAR | | | | | | | | | | |
|--------|-------|-------|----|-----|----|-----|-------|-----|------|----------|
| 3/4" | 19 | 30 | 10 | 145 | 30 | 435 | -0.92 | 60 | 625 | 40-46-61 |
| 1" | 25.4 | 37 | 10 | 145 | 30 | 435 | -0.92 | 75 | 810 | 40-46-61 |
| 1 1/4" | 32 | 44 | 10 | 145 | 30 | 435 | -0.92 | 95 | 1055 | 40-46-61 |
| 1 1/2" | 38 | 51 | 10 | 145 | 30 | 435 | -0.92 | 110 | 1335 | 40-46-61 |
| 1 3/4" | 44.5 | 57.5 | 10 | 145 | 30 | 435 | -0.92 | 130 | 1530 | 40-46-61 |
| 2" | 50.8 | 65 | 10 | 145 | 30 | 435 | -0.92 | 150 | 1870 | 40-46-61 |
| 2 1/2" | 63.5 | 77.5 | 10 | 145 | 30 | 435 | -0.92 | 280 | 2285 | 40-46-61 |
| 3" | 76.2 | 92 | 10 | 145 | 30 | 435 | -0.92 | 340 | 2975 | 40-46-61 |
| 4" | 101.6 | 117.5 | 10 | 145 | 30 | 435 | -0.92 | 450 | 3935 | 40-46-61 |



-40 °C / + 80 °C
 -40 °F / +176 °F

Sanification : Max. 110 °C for 15 min. with steam, max. 40 °C for 15 min. with caustic soda (5%).
 Sterilisation : Bei max. 110 °C für 15 min. mit dampf, bei max. 40 °C für 15 min. mit natronlauge (5%).
 Sanificazione : Massimo 110 °C per 15 minuti con vapore, massimo 40 °C per 15 minuti con soda caustica (5%).
 Sanification : 110 °C max. pendant 15 min. avec vapeur à 40 °C max. pendant 15 min. avec soude caustique (5%).

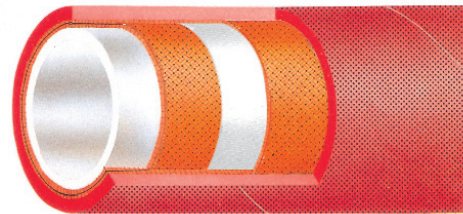
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|------------------------------------|---------------------------------------|--|

Foodstuff Delivery

UHMW-PE



TUBE : WHITE COLOUR NON-TOXIC, TASTE AND ODOUR FREE, UHMW-PE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DISCHARGE OF FOODSTUFF WITH HIGH PERCENTAGE OF ALCOHOL (UP TO 99%). FOR USE SPECIALLY IN BREWERIES, DISTILLERIES.



SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, WEISS, SCHADSTOFFFREI, UHMW-PE.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : ZUM DURCHLEITEN VON FLÜSSIGKEITEN MIT HOHEM ALKOHOLANTEIL (BIS ZU 99 %) SPEZIELL FÜR BRAUEREIEN UND BRENNEREIEN



SOTTOSTRATO : UHMW-PE ATOSSICO, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI ALIMENTARI, VINI E ALCOOL FINO A 99%. PARTICOLARMENTE IDONEO PER L'USO NELLE BIRRERIE E NELLE DISTILLERIE.



TUBE : UHMW-PE COULEUR BLANCHE, NON TOXIQUE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DES PRODUITS ALIMENTAIRES, VINS ET ALCOOL JUSQU'A 99%. PARTICULIEREMENT DANS LES BRASSERIES ET DISTILLERIES.

| ID | | OD | | WP | | BP | | W | L |
|--------|-------|-------|----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/4" | 19 | 30 | | 10 | 145 | 30 | 435 | 545 | 40-46-61 |
| 1" | 25.4 | 37 | | 10 | 145 | 30 | 435 | 705 | 40-46-61 |
| 1 1/4" | 32 | 44 | | 10 | 145 | 30 | 435 | 915 | 40-46-61 |
| 1 1/2" | 38 | 51 | | 10 | 145 | 30 | 435 | 1135 | 40-46-61 |
| 1 3/4" | 44.5 | 57.5 | | 10 | 145 | 30 | 435 | 1300 | 40-46-61 |
| 2" | 50.8 | 65 | | 10 | 145 | 30 | 435 | 1635 | 40-46-61 |
| 2 1/2" | 63.5 | 77.5 | | 10 | 145 | 30 | 435 | 1890 | 40-46-61 |
| 3" | 76.2 | 92 | | 10 | 145 | 30 | 435 | 2580 | 40-46-61 |
| 4" | 101.6 | 117.5 | | 10 | 145 | 30 | 435 | 3500 | 40-46-61 |

Sanification : Max. 130 °C for 15 min. with steam, max. 60 °C for 15 min. with caustic soda (5%).
 Sterilisierung : Bei max. 130 °C für 15 min. mit dampf, bei max. 60 °C für 15 min. mit natronlauge (5%).
 Sanificazione : Massimo 130 °C per 15 minuti con vapore, massimo 60 °C per 15 minuti con soda caustica (5%).
 Sanification : 130 °C max. pendant 15 min. avec vapeur à 60 °C max. pendant 15 min. avec soude caustique (5%).



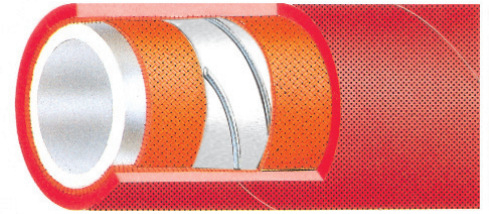
-40°C / + 80°C
 -40°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL RAKI D/10 PE FOODSTUFF DELIVERY HOSE - UHMW-PE - W.P. 10 Bar (145 PSI)

| | | | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|--|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|--|--|

Foodstuff S&D



UHMW-PE



TUBE : WHITE COLOUR NON-TOXIC, TASTE AND ODOUR FREE, UHMW-PE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF FOODSTUFF WITH HIGH PERCENTAGE OF ALCOHOL (UP TO 99%). FOR USE SPECIALLY IN BREWERIES, DISTILLERIES.



SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, WEISS, SCHADSTOFFFREI, UHMW-PE.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH FÜR FLÜSSIGKEITEN MIT HOHEM ALKOHOLANTEIL (BIS ZU 99 %) SPEZIELL FÜR BRAUEREIEN UND BRENNEREIEN



SOTTOSTRATO : UHMW-PE ATOSSICO, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO.
 COPERTURA : GOMMA SPECIALE SINTETICA , RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI ALIMENTARI, VINI E ALCOOL FINO A 99%. PARTICOLARMENTE IDONEO PER L'USO NELLE BIRRERIE E NELLE DISTILLERIE.



TUBE : UHMW-PE COULEUR BLANCHE, NON TOXIQUE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DES PRODUITS ALIMENTAIRES, VINS ET ALCOOL JUSQU'A 99%. PARTICULIEREMENT DANS LES BRASSERIES ET DISTILLERIES.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-------|----|-----|-----|-----|-----|--------|------|------|----------|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 31 | | 10 | 145 | 30 | 435 | -0.92 | 75 | 650 | 40-46-61 |
| 1" | 25.4 | 38 | | 10 | 145 | 30 | 435 | -0.92 | 100 | 857 | 40-46-61 |
| 1 1/4" | 32 | 45 | | 10 | 145 | 30 | 435 | -0.92 | 150 | 1096 | 40-46-61 |
| 1 1/2" | 38 | 52 | | 10 | 145 | 30 | 435 | -0.92 | 200 | 1431 | 40-46-61 |
| 1 3/4" | 44.5 | 58.5 | | 10 | 145 | 30 | 435 | -0.92 | 260 | 1748 | 40-46-61 |
| 2" | 50.8 | 66 | | 10 | 145 | 30 | 435 | -0.92 | 300 | 2114 | 40-46-61 |
| 2 1/2" | 63.5 | 78.5 | | 10 | 145 | 30 | 435 | -0.92 | 400 | 2551 | 40-46-61 |
| 3" | 76.2 | 93 | | 10 | 145 | 30 | 435 | -0.92 | 800 | 3470 | 40-46-61 |
| 4" | 101.6 | 118.5 | | 10 | 145 | 30 | 435 | -0.92 | 1200 | 4511 | 40-46-61 |

Sanification : Max. 130 °C for 15 min. with steam,
 max. 60 °C for 15 min. with caustic soda (5%).
 Sterilisierung : Bei max. 130 °C für 15 min. mit dampf,
 bei max. 60 °C für 15 min. mit natronlauge (5%).
 Sanificazione : Massimo 130 °C per 15 minuti con vapore,
 massimo 60 °C per 15 minuti con soda caustica (5%).
 Sanification : 130 °C max. pendant 15 min. avec vapeur à 60 °C max.
 pendant 15 min. avec soude caustique (5%).

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : From 3/4" to 3" can be produced with PE helix
 Auf Anfrage : Kann in den Grössen 3/4" bis 3" mit PE produziert werden
 Su Richiesta : Da 3/4" a 3" possono essere prodotti con spirale di PE
 Sur Demande : De 3/4" Jusqu'a 3" peuvent être produits avec spirale en PE



-40°C / + 80°C
 -40°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL RAKI SD/10 PE FOODSTUFF S/D HOSE - UHMW-PE - W.P. 10 Bar (145 PSI)

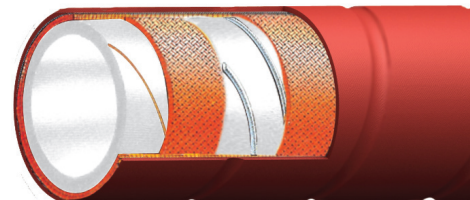
NORMS
 NORMEN
 NORME
 NORMES

ISO 1307
 MEETS FDA REQUIREMENTS


COLOUR
 FARBEN
 COLORI
 COULEUR





Foodstuff S&D




FLAT-CORRUGATED UHMW-PE

 TUBE : WHITE COLOUR NON-TOXIC, TASTE AND ODOUR FREE, UHMW-PE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER. FLAT-CORRUGATED.
 APPLICATION : FOR SUCTION AND DISCHARGE OF FOODSTUFF WITH HIGH PERCENTAGE OF ALCOHOL (UP TO 99%). FOR USE SPECIALLY IN BREWERIES, DISTILLERIES.

 SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, WEISS, SCHADSTOFFFREI, UHMW-PE.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, LEICHT GEWELLT.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH FÜR FLÜSSIGKEITEN MIT HOHEM ALKOHOLANTEIL (BIS ZU 99 %) SPEZIELL FÜR BRAUEREIEN UND BRENNEREIEN.

 SOTTOSTRATO : UHMW-PE ATOSSICO, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE..
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO.
 COPERTURA : GOMMA SPECIALE SINTETICA ONDULATA PIATTA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI ALIMENTARI, VINI E ALCOOL FINO A 99%. PARTICOLARMENTE IDONEO PER L'USO NELLE BIRRERIE E NELLE DISTILLERIE.

 TUBE : UHMW-PE COULEUR BLANCHE, NON TOXIQUE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, ONDULE PLAT, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DES PRODUITS ALIMENTAIRES, VINS ET ALCOOL JUSQU'A 99%. PARTICULIEREMENT DANS LES BRASSERIES ET DISTILLERIES.




| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 3/4" | 19 | 29 | 10 | 145 | 30 | 435 | -0.92 | 70 | 480 | 40-46-61 | |
| 1" | 25.4 | 36 | 10 | 145 | 30 | 435 | -0.92 | 90 | 625 | 40-46-61 | |
| 1 1/4" | 32 | 43 | 10 | 145 | 30 | 435 | -0.92 | 130 | 910 | 40-46-61 | |
| 1 1/2" | 38 | 50 | 10 | 145 | 30 | 435 | -0.92 | 180 | 1060 | 40-46-61 | |
| 2" | 50.8 | 64 | 10 | 145 | 30 | 435 | -0.92 | 250 | 1525 | 40-46-61 | |
| 2 1/2" | 63.5 | 78 | 10 | 145 | 30 | 435 | -0.92 | 280 | 2145 | 40-46-61 | |
| 3" | 76.2 | 91 | 10 | 145 | 30 | 435 | -0.92 | 350 | 2550 | 40-46-61 | |
| 4" | 101.6 | 119 | 10 | 145 | 30 | 435 | -0.92 | 450 | 4210 | 40-46-61 | |
| 5" | 127 | 148 | 10 | 145 | 30 | 435 | -0.80 | 600 | 6475 | 40-46-61 | |

Sanification : Max. 130 °C for 15 min. with steam, max. 60 °C for 15 min. with caustic soda (5%).
 Sterilisierung : Bei max. 130 °C für 15 min. mit dampf, bei max. 60 °C für 15 min. mit natronlauge (5%).
 Sanificazione : Massimo 130 °C per 15 minuti con vapore, massimo 60 °C per 15 minuti con soda caustica (5%).
 Sanification : 130 °C max. pendant 15 min. avec vapeur à 60 °C max. pendant 15 min. avec soude caustique (5%).

 -40°C / + 80°C
 -40°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

 **RAKI SDFC/10 PE** **FOODSTUFF S/D HOSE - UHMW-PE - W.P. 10 Bar (145 PSI)** 

| | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA REQUIREMENTS | COLOUR FARBEN COLORI COULEUR |    |
|------------------------------------|------------------------------------|---------------------------------------|--|

Abrasive Food

Abriebfester Lebensmittelschläuche

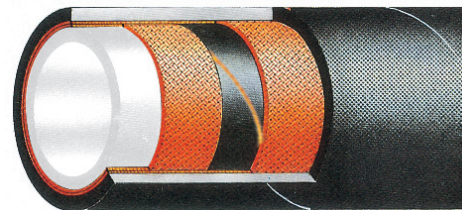
Prodotti Abrasivi Alimentari

Produits Abrasifs Alimentaires



Light Duty Bulk Food Delivery

FLAT



TUBE : WHITE COLOUR, NON-TOXIC, ABRASION RESISTANT NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DISCHARGE OF BULK ABRASIVE MATERIALS FOR FOOD INDUSTRY.



SEELE : WEISS, SCHADSTOFFFREI, ABRIEBFEST, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBFESTER, SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : GEEIGNET ZUR BEFÖRDERUNG VON ABRASIVEN MEDIEN IN DER LEBENSMITTELINDUSTRIE.



SOTTOSTRATO : GOMMA NATURALE BIANCA ATOSSICA RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI ALIMENTARI ABRASIVI.



TUBE : CAOUTCHOUC NATUREL COULEUR BLANCHE, NON TOXIQUE, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LE REFOULEMENT DE MATIERES ALIMENTAIRES ABRASIVES.

| ID | | OD | WP | | BP | | W | L |
|---------|-------|------|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 2" | 50.8 | 60.4 | 5 | 73 | 15 | 218 | 980 | 40-46-61 |
| 2 1/2" | 63.5 | 73 | 5 | 73 | 15 | 218 | 1200 | 40-46-61 |
| 3" | 76.2 | 86 | 5 | 73 | 15 | 218 | 1425 | 40-46-61 |
| 3 1/8" | 80 | 90 | 5 | 73 | 15 | 218 | 1490 | 40-46-61 |
| 3 1/2" | 90 | 100 | 5 | 73 | 15 | 218 | 1840 | 40-46-61 |
| 4" | 101.6 | 112 | 5 | 73 | 15 | 218 | 2060 | 40-46-61 |
| 4 5/16" | 110 | 120 | 5 | 73 | 15 | 218 | 2225 | 40-46-61 |
| 5" | 127 | 137 | 5 | 73 | 15 | 218 | 2550 | 40-46-61 |
| 6" | 152.4 | 164 | 5 | 73 | 15 | 218 | 3610 | 40-46-61 |
| 8" | 203.2 | 215 | 5 | 73 | 15 | 218 | 4765 | 46 |



-40°C / + 70°C
 -40°F / +158°F

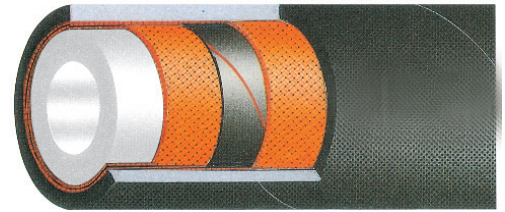
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Heavy Duty Bulk Food Delivery



TUBE : WHITE COLOUR, NON-TOXIC, ABRASION RESISTANT NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DISCHARGE OF BULK ABRASIVE PRODUCTS. (SUGAR, FLOUR, MILK POWDER, GRANULES ETC)



SEELE : WEISS, SCHADSTOFFFREI, ABRIEBFEST, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEPRICKT.
 ANWENDUNG : GEEIGNET ZUR BEFÖRDERUNG VON ABRASIVEN MEDIEN WIE ZUCKER, MEHL, MILCHPULVER, GRANULATEN USW. IN DER LEBENSMITTELINDUSTRIE.



SOTTOSTRATO : GOMMA NATURALE BIANCA ATOSSICA RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI ALIMENTARI MOLTO ABRASIVI. (ZUCCHERO, FARINA, GRANULI, ETC)



TUBE : CAOUTCHOUC NATUREL COULEUR BLANCHE, NON TOXIQUE, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL MICRO-PERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE MATIERES ABRASIVES EN VRAC (SUCRE, FARINE, POUVRE DE LAIT, GRANULES ETC.)

| ID | | OD | WP | | BP | | W | L |
|--------|-------|------|-----|-----|-----|-----|-------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1" | 25.4 | 37 | 10 | 145 | 30 | 435 | 637 | 40-46-61 |
| 1 1/4" | 32 | 44 | 10 | 145 | 30 | 435 | 837 | 40-46-61 |
| 1 1/2" | 38 | 50 | 10 | 145 | 30 | 435 | 970 | 40-46-61 |
| 2" | 50.8 | 64.5 | 10 | 145 | 30 | 435 | 1456 | 40-46-61 |
| 2 1/2" | 63.5 | 77 | 10 | 145 | 30 | 435 | 1776 | 40-46-61 |
| 3" | 76.2 | 90 | 10 | 145 | 30 | 435 | 2140 | 40-46-61 |
| 3 1/2" | 90 | 104 | 10 | 145 | 30 | 435 | 2529 | 40-46-61 |
| 4" | 101.6 | 118 | 10 | 145 | 30 | 435 | 3250 | 40-46-61 |
| 5" | 127 | 146 | 10 | 145 | 30 | 435 | 4938 | 40-46-61 |
| 6" | 152.4 | 172 | 10 | 145 | 30 | 435 | 6118 | 40-46-61 |
| 8" | 203.2 | 225 | 10 | 145 | 30 | 435 | 8865 | 46 |
| 10" | 254 | 276 | 10 | 145 | 30 | 435 | 11594 | 25 |

Abrasion loss value: Acc DIN 53516 ≤ 120 mm³
 Abriebwert nach DIN 53516 ≤ 120 mm³
 Perdita d'abrasione in accordo alla norma DIN 53516 ≤ 120 mm³
 Indice d'abrasion: Selon la norme DIN 53516 ≤ 120 mm³



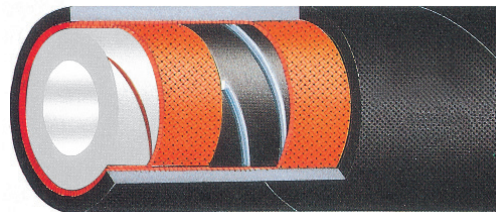
-40°C / + 80°C
 -40°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL WHITE-HD HEAVY DUTY BULK FOOD DELIVERY HOSE W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Heavy Duty Bulk Food S&D



TUBE : WHITE COLOUR, NON-TOXIC, ABRASION RESISTANT NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF BULK ABRASIVE PRODUCTS. (SUGAR, FLOUR, MILK POWDER, GRANULES ETC)



SEELE : WEISS, SCHADSTOFFFREI, ABRIEBFEST, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, EINE STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEPRICKT.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH ZUR BEFÖRDERUNG VON ABRASIVEN MEDIEN WIE ZUCKER, MEHL, MILCHPULVER, GRANULATEN USW.



SOTTOSTRATO : GOMMA NATURALE BIANCA ATOSSICA RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI ALIMENTARI MOLTO ABRASIVI. (ZUCCHERO, FARINA, GRANULI, ETC)



TUBE : CAOUTCHOUC NATUREL COULEUR BLANCHE, NON TOXIQUE, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER NOYEE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL MICRO-PERFORE, RESISTANT A L'ABRASION, A L'OZONO ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE MATIERES ABRASIVES EN VRAC (SUCRE, FARINE, POUDRE DE LAIT, GRANULES ETC.)

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-------|-----|-----|-----|-----|--------|------|-------|----------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 1" | 25.4 | 39 | 10 | 145 | 30 | 435 | -0.92 | 110 | 895 | 40-46-61 |
| 1 1/4" | 32 | 45 | 10 | 145 | 30 | 435 | -0.92 | 135 | 1064 | 40-46-61 |
| 1 1/2" | 38 | 52 | 10 | 145 | 30 | 435 | -0.92 | 160 | 1415 | 40-46-61 |
| 2" | 50.8 | 66 | 10 | 145 | 30 | 435 | -0.92 | 210 | 2005 | 40-46-61 |
| 2 1/2" | 63.5 | 78.5 | 10 | 145 | 30 | 435 | -0.92 | 270 | 2434 | 40-46-61 |
| 3" | 76.2 | 92 | 10 | 145 | 30 | 435 | -0.92 | 330 | 3155 | 40-46-61 |
| 3 1/2" | 90 | 107 | 10 | 145 | 30 | 435 | -0.92 | 410 | 3765 | 40-46-61 |
| 4" | 101.6 | 120 | 10 | 145 | 30 | 435 | -0.92 | 470 | 4630 | 40-46-61 |
| 5" | 127 | 149 | 10 | 145 | 30 | 435 | -0.92 | 600 | 6850 | 40-46-61 |
| 6" | 152.4 | 174.5 | 10 | 145 | 30 | 435 | -0.80 | 770 | 8910 | 40-46-61 |
| 8" | 203.2 | 229 | 10 | 145 | 30 | 435 | -0.80 | 1200 | 13800 | 30 |
| 10" | 254 | 281 | 10 | 145 | 30 | 435 | -0.80 | 1520 | 17315 | 10 |

Abrasion loss value: Acc DIN 53516 ≤ 120 mm³
 Abriebwert nach DIN 53516 ≤ 120 mm³
 Perdita d'abrasione in accordo alla norma DIN 53516 ≤ 120 mm³
 Indice d'abrasion: Selon la norme DIN 53516 ≤ 120 mm³



-40°C / + 80°C
 -40°F / +176°F

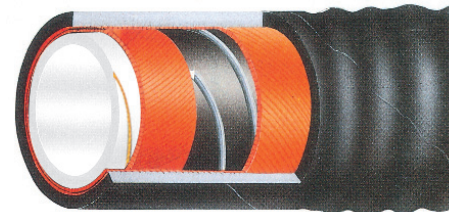
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Heavy Duty Bulk Food S&D

CORRUGATED



TUBE : WHITE COLOUR, NON-TOXIC, ABRASION RESISTANT NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT, CORRUGATED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF BULK ABRASIVE PRODUCTS. (SUGAR, FLOUR, MILK POWDER, GRANULES ETC).



SEELE : WEISS, SCHADSTOFFFREI, ABRIEBFEST, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, EINE STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, GEWELLT.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH ZUR BEFÖRDERUNG VON ABRASIVEN MEDIEN WIE ZUCKER, MEHL, MILCHPULVER, GRANULATEN USW.



SOTTOSTRATO : GOMMA NATURALE BIANCA ATOSSICA RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA ONDULATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI ALIMENTARI MOLTO ABRASIVI. (ZUCCHERO, FARINA, GRANULI, ETC)



TUBE : CAOUTCHOUC NATUREL COULEUR BLANCHE, NON TOXIQUE, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER NOYEE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, ONDULE, RESISTANT A L'ABRASION, A L'OZONO ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE MATIERES ABRASIVES EN VRAC (SUCRE, FARINE, POUDRE DE LAIT, GRANULES ETC.)

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|------|----|-----|-----|-----|-------|--------|-------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 1" | 25.4 | 37.5 | 10 | 145 | 30 | 435 | -0.92 | 60 | 805 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 10 | 145 | 30 | 435 | -0.92 | 75 | 975 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 10 | 145 | 30 | 435 | -0.92 | 90 | 1294 | 40-46-61 | |
| 2" | 50.8 | 64.5 | 10 | 145 | 30 | 435 | -0.92 | 125 | 1779 | 40-46-61 | |
| 2 1/2" | 63.5 | 77.5 | 10 | 145 | 30 | 435 | -0.92 | 175 | 2387 | 40-46-61 | |
| 3" | 76.2 | 90.5 | 10 | 145 | 30 | 435 | -0.92 | 200 | 3080 | 40-46-61 | |
| 3 1/2" | 90 | 106 | 10 | 145 | 30 | 435 | -0.92 | 250 | 3860 | 40-46-61 | |
| 4" | 101.6 | 119 | 10 | 145 | 30 | 435 | -0.92 | 275 | 4660 | 40-46-61 | |
| 5" | 127 | 147 | 10 | 145 | 30 | 435 | -0.92 | 350 | 6830 | 40-46-61 | |
| 6" | 152.4 | 173 | 10 | 145 | 30 | 435 | -0.92 | 400 | 8960 | 40-46-61 | |
| 8" | 203.2 | 227 | 10 | 145 | 30 | 435 | -0.80 | 750 | 14090 | 30 | |
| 10" | 254 | 279 | 10 | 145 | 30 | 435 | -0.80 | 1100 | 17310 | 20 | |

Abrasion loss value: Acc DIN 53516 ≤ 120 mm³
 Abriebwert nach DIN 53516 ≤ 120 mm³
 Perdita d'abrasione in accordo alla norma DIN 53516 ≤ 120 mm³
 Indice d'abrasion: Selon la norme DIN 53516 ≤ 120 mm³

-40°C / + 80°C
 -40°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL WHITE - SDC HEAVY DUTY BULK FOOD S/D HOSE W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Heavy Duty Bulk Food S&D

FLAT-CORRUGATED



TUBE : WHITE COLOUR, NON-TOXIC, ABRASION RESISTANT NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT, FLAT CORRUGATED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF BULK ABRASIVE PRODUCTS. (SUGAR, FLOUR, MILK POWDER, GRANULES ETC)



SEELE : WEISS, SCHADSTOFFFREI, ABRIEBFEST, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, EINE STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, LEICHT GEWELLT.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH ZUR BEFÖRDERUNG VON ABRASIVEN MEDIEN WIE ZUCKER, MEHL, MILCHPULVER, GRANULATEN USW.



SOTTOSTRATO : GOMMA NATURALE BIANCA ATOSSICA RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA ONDULATA PIATTA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI ALIMENTARI MOLTO ABRASIVI. (ZUCCHERO, FARINA, GRANULI, ETC)



TUBE : CAOUTCHOUC NATUREL COULEUR BLANCHE, NON TOXIQUE, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER NOYEE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, ONDULE PLAT, RESISTANT A L'ABRASION, A L'OZONO ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE MATIERES ABRASIVES EN VRAC (SUCRE, FARINE, POUDRE DE LAIT, GRANULES ETC.)

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-------|-------|-----|-----|-----|-----|--------|------|-------|----------|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 1" | 25.4 | 39 | 39 | 10 | 145 | 30 | 435 | -0.92 | 50 | 810 | 40-46-61 |
| 1 1/4" | 32 | 46 | 46 | 10 | 145 | 30 | 435 | -0.92 | 60 | 1070 | 40-46-61 |
| 1 1/2" | 38 | 54 | 54 | 10 | 145 | 30 | 435 | -0.92 | 75 | 1445 | 40-46-61 |
| 2" | 50.8 | 69 | 69 | 10 | 145 | 30 | 435 | -0.92 | 100 | 2155 | 40-46-61 |
| 2 1/2" | 63.5 | 81.5 | 81.5 | 10 | 145 | 30 | 435 | -0.92 | 150 | 2735 | 40-46-61 |
| 3" | 76.2 | 95 | 95 | 10 | 145 | 30 | 435 | -0.92 | 175 | 3390 | 40-46-61 |
| 4" | 101.6 | 121.5 | 121.5 | 10 | 145 | 30 | 435 | -0.92 | 225 | 4835 | 40-46-61 |
| 5" | 127 | 150 | 150 | 10 | 145 | 30 | 435 | -0.92 | 325 | 7470 | 40-46-61 |
| 6" | 152.4 | 176 | 176 | 10 | 145 | 30 | 435 | -0.92 | 375 | 9580 | 40-46-61 |
| 8" | 203.2 | 230 | 230 | 10 | 145 | 30 | 435 | -0.80 | 600 | 13670 | 30 |

Abrasion loss value: Acc DIN 53516 ≤ 120 mm³
 Abriebwert nach DIN 53516 ≤ 120 mm³
 Perdita d'abrasione in accordo alla norma DIN 53516 ≤ 120 mm³
 Indice d'abrasion: Selon la norme DIN 53516 ≤ 120 mm³



-40°C / + 80°C
 -40°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

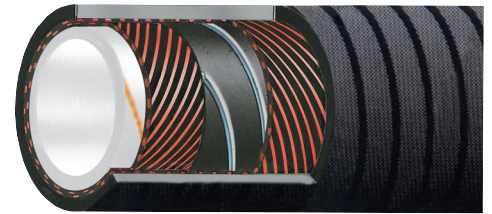


| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Heavy Duty Bulk Food S&D

CHANNELED



TUBE : WHITE COLOUR, NON-TOXIC, ABRASION RESISTANT NATURAL RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT, CHANNELED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF BULK ABRASIVE PRODUCTS. (SUGAR, FLOUR, MILK POWDER, GRANULES ETC)



SEELE : WEISS, SCHADSTOFFFREI, ABRIEBFEST, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, EINE STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON-UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, SPEZIELLER SYNTHETISCHER GUMMI, KORDELGERIPPT.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH ZUR BEFÖRDERUNG VON ABRASIVEN MEDIEN WIE ZUCKER, MEHL, MILCHPULVER, GRANULATEN USW.



SOTTOSTRATO : GOMMA NATURALE BIANCA ATOSSICA RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA GRECATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI ALIMENTARI MOLTO ABRASIVI. (ZUCCHERO, FARINA, GRANULI, ETC)



TUBE : CAOUTCHOUC NATUREL COULEUR BLANCHE, NON TOXIQUE, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER NOYEE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, ASPECT CRENELE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE MATIERES ABRASIVES EN VRAC (SUCRE, FARINE, POUDRE DE LAIT, GRANULES ETC.)

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-------|----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 1" | 25.4 | 36 | 10 | 145 | 30 | 435 | -0.92 | 45 | 690 | 40-46-61 | |
| 1 1/4" | 32 | 42.5 | 10 | 145 | 30 | 435 | -0.92 | 55 | 896 | 40-46-61 | |
| 1 1/2" | 38 | 48.4 | 10 | 145 | 30 | 435 | -0.92 | 75 | 1040 | 40-46-61 | |
| 2" | 50.8 | 62 | 10 | 145 | 30 | 435 | -0.92 | 110 | 1561 | 40-46-61 | |
| 2 1/2" | 63.5 | 76 | 10 | 145 | 30 | 435 | -0.92 | 150 | 2132 | 40-46-61 | |
| 3" | 76.2 | 89 | 10 | 145 | 30 | 435 | -0.92 | 180 | 2513 | 40-46-61 | |
| 3 1/2" | 90 | 104.5 | 10 | 145 | 30 | 435 | -0.92 | 225 | 3476 | 40-46-61 | |
| 4" | 101.6 | 117.5 | 10 | 145 | 30 | 435 | -0.92 | 260 | 4188 | 40-46-61 | |
| 5" | 127 | 145.5 | 10 | 145 | 30 | 435 | -0.80 | 340 | 6440 | 40-46-61 | |
| 6" | 152.4 | 172 | 10 | 145 | 30 | 435 | -0.80 | 550 | 8130 | 40-46-61 | |

Abrasion loss value: Acc DIN 53516 ≤ 120 mm³
 Abriebwert nach DIN 53516 ≤ 120 mm³
 Perdita d'abrasione in accordo alla norma DIN 53516 ≤ 120 mm³
 Indice d'abrasion: Selon la norme DIN 53516 ≤ 120 mm³

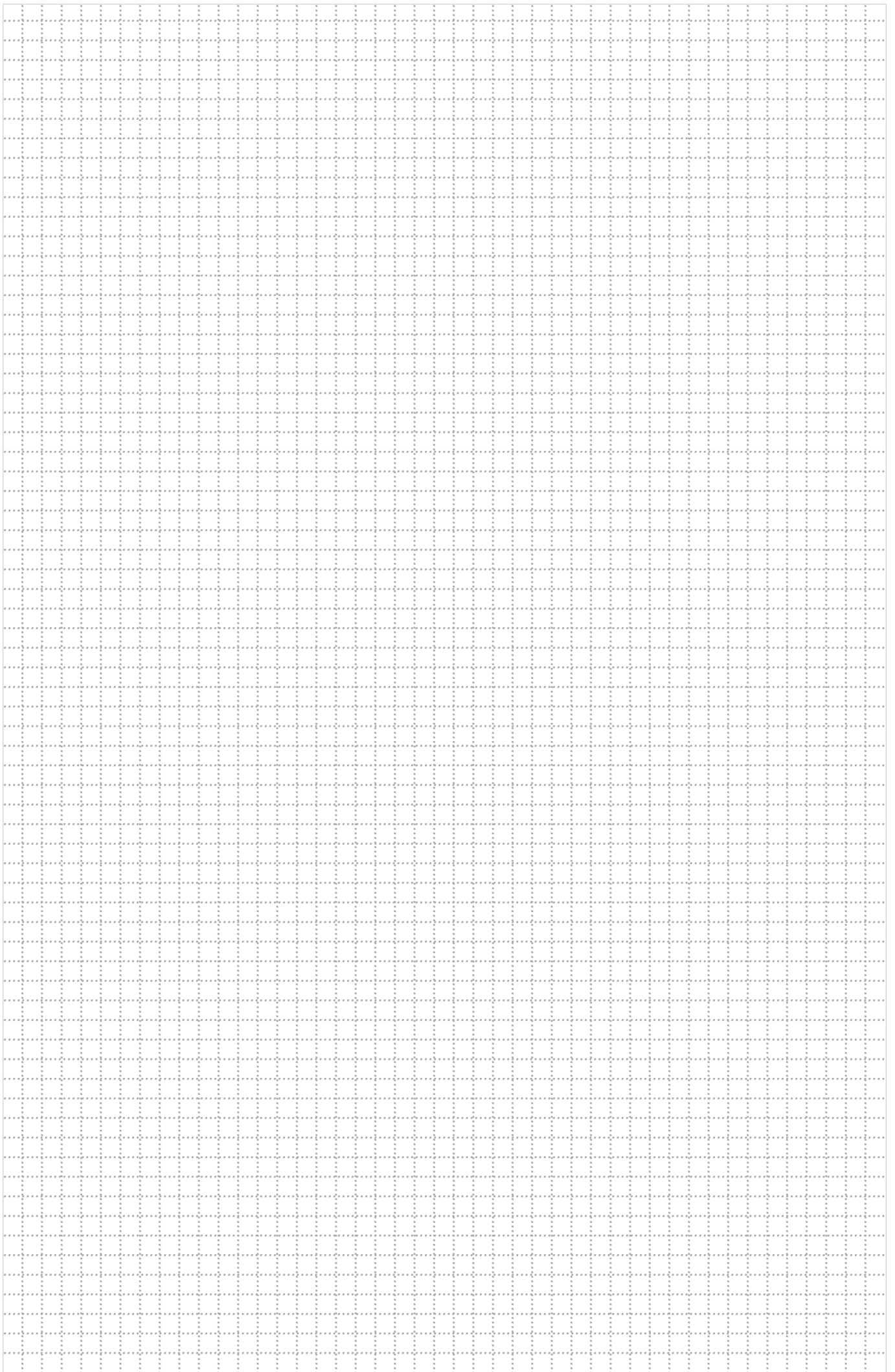


-40°C / + 80°C
 -40°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

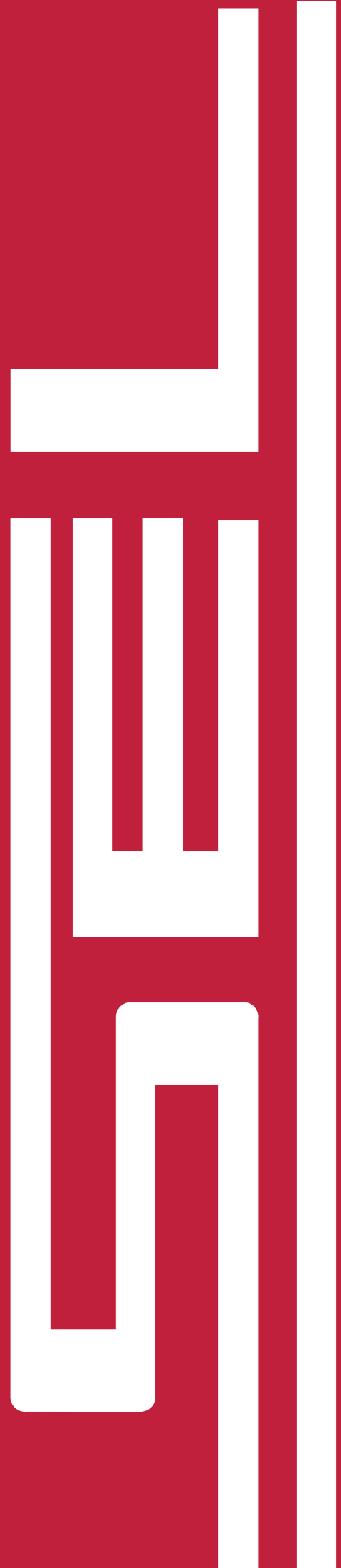


Oil & Petroleum

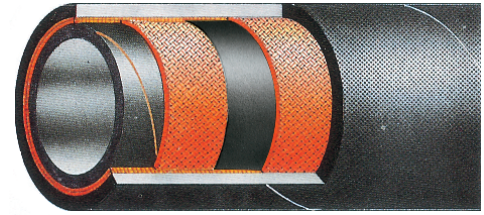
Öl und Kraftstoff

Prodotti Petroliferi

Hydrocarbures



Oil Discharge 10 Bar



TUBE : OIL AND PETROL RESISTANT, BLACK NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE, WEATHER AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DELIVERY OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO %50.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGSFESTE SYNTHETISCHE TEXTILEINLAGE MIT ANTISTATISCHER KUPFERLITZE.
 DECKE : ABRIEB-, ÖL- UND WITTERUNGBESTÄNDIGER, SPEZIELLER SYNTHETIKGUMMI.
 ANWENDUNG : FÖRDERSCHLAUCH FÜR VERSCHIEDENE ÖLPRODUKTE MIT MAX. 50% AROMATENGEHALT.



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE NERA RESISTENTE AGLI OLI, ALL'OZONO, ALL' ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT AUX HUILES, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1" | 25.4 | 35 | 10 | 145 | 30 | 435 | 574 | 40-46-61 |
| 1 1/4" | 32 | 42 | 10 | 145 | 30 | 435 | 716 | 40-46-61 |
| 1 1/2" | 38 | 48 | 10 | 145 | 30 | 435 | 864 | 40-46-61 |
| 1 3/4" | 44.5 | 55 | 10 | 145 | 30 | 435 | 1064 | 40-46-61 |
| 2" | 50.8 | 62 | 10 | 145 | 30 | 435 | 1276 | 40-46-61 |
| 2 1/2" | 63.5 | 75 | 10 | 145 | 30 | 435 | 1632 | 40-46-61 |
| 3" | 76.2 | 88 | 10 | 145 | 30 | 435 | 1984 | 40-46-61 |
| 3 1/2" | 90 | 104 | 10 | 145 | 30 | 435 | 2723 | 40-46-61 |
| 4" | 101.6 | 116 | 10 | 145 | 30 | 435 | 3193 | 40-46-61 |
| 5" | 127 | 143 | 10 | 145 | 30 | 435 | 4463 | 40-46-61 |
| 6" | 152.4 | 168 | 10 | 145 | 30 | 435 | 5253 | 40-46-61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)



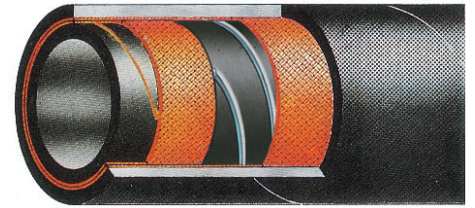
-30°C / + 70°C
 -22°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Oil S&D 10 Bar



TUBE : OIL AND PETROL RESISTANT, BLACK NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : OIL, WEATHER, OZONE, ABRASION RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO %50.



SEELE : ÖL- UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : ÖL-, OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBFESTER, SPEZIELL SYNTHETISCHER GUMMI.
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR MINERALÖLPRODUKTE MIT MAX. 50% AROMATENGEGHALT.



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT AUX HUILES, A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 1" | 25.4 | 36 | 10 | 145 | 30 | 435 | -0.92 | 110 | 707 | 40-46-61 | |
| 1 1/4" | 32 | 43 | 10 | 145 | 30 | 435 | -0.92 | 140 | 914 | 40-46-61 | |
| 1 1/2" | 38 | 49 | 10 | 145 | 30 | 435 | -0.92 | 170 | 1155 | 40-46-61 | |
| 1 3/4" | 44.5 | 56 | 10 | 145 | 30 | 435 | -0.92 | 210 | 1363 | 40-46-61 | |
| 2" | 50.8 | 63 | 10 | 145 | 30 | 435 | -0.92 | 250 | 1644 | 40-46-61 | |
| 2 1/2" | 63.5 | 76 | 10 | 145 | 30 | 435 | -0.92 | 310 | 2129 | 40-46-61 | |
| 3" | 76.2 | 89 | 10 | 145 | 30 | 435 | -0.92 | 380 | 2768 | 40-46-61 | |
| 3 1/2" | 90 | 105 | 10 | 145 | 30 | 435 | -0.92 | 450 | 3605 | 40-46-61 | |
| 4" | 101.6 | 117 | 10 | 145 | 30 | 435 | -0.92 | 510 | 4035 | 40-46-61 | |
| 5" | 127 | 145 | 10 | 145 | 30 | 435 | -0.80 | 650 | 6210 | 40-46-61 | |
| 6" | 152.4 | 170 | 10 | 145 | 30 | 435 | -0.80 | 790 | 7750 | 40-46-61 | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)



-30°C / + 70°C
 -22°F / +158°F

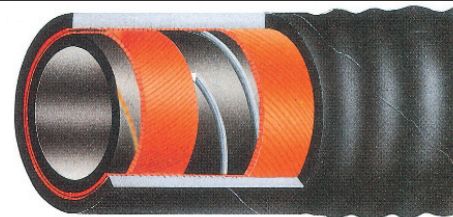
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Oil S&D 10 Bar

CORRUGATED



TUBE : OIL AND PETROL RESISTANT BLACK NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : OIL, WEATHER, OZONE, ABRASION AND SEA WATER RESISTANT. CORRUGATED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50%.



SEELE : ÖL- UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : ÖL-, OZON- UND WITTERUNGSBESTÄNDIG, ABRIEBFEST, SPEZIELL SYNTHETISCHER GUMMI, GEWELLT, GEEIGNET FÜR EINSATZ IM SALZHALTIGEN WASSER.
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR MINERALÖLPRODUKTE MIT MAX. 50% AROMATENGHALT.



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE NERA ONDULATA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE ET AGLI AGENTI ATMOSFERICI ED ALL'ACQUA DI MARE.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL ONDULE, RESISTANT AUX HUILES, A L'ABRASION, A L'OZONE, AUX AGENTS ATMOSPHERIQUES ET A L'EAU DE MER.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|-----|--------|------|------|----------|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 29 | | 10 | 145 | 30 | 435 | -0.92 | 75 | 572 | 40-46-61 |
| 1" | 25.4 | 35 | | 10 | 145 | 30 | 435 | -0.92 | 100 | 684 | 40-46-61 |
| 1 1/4" | 32 | 42 | | 10 | 145 | 30 | 435 | -0.92 | 120 | 826 | 40-46-61 |
| 1 1/2" | 38 | 48 | | 10 | 145 | 30 | 435 | -0.92 | 140 | 965 | 40-46-61 |
| 2" | 50.8 | 63 | | 10 | 145 | 30 | 435 | -0.92 | 190 | 1697 | 40-46-61 |
| 2 1/2" | 63.5 | 74 | | 10 | 145 | 30 | 435 | -0.92 | 250 | 1980 | 40-46-61 |
| 3" | 76.2 | 89 | | 10 | 145 | 30 | 435 | -0.92 | 300 | 2670 | 40-46-61 |
| 4" | 101.6 | 116 | | 10 | 145 | 30 | 435 | -0.92 | 425 | 3860 | 40-46-61 |
| 5" | 127 | 145 | | 10 | 145 | 30 | 435 | -0.80 | 550 | 6035 | 40-46-61 |
| 6" | 152.4 | 172 | | 10 | 145 | 30 | 435 | -0.80 | 640 | 7572 | 40-46-61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)



-30°C / + 70°C
 -22°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL YAKIT SDC / 10 OIL S / D HOSE - W.P. 10 Bar (145 PSI)



NORMS
 NORMEN
 NORME
 NORMES

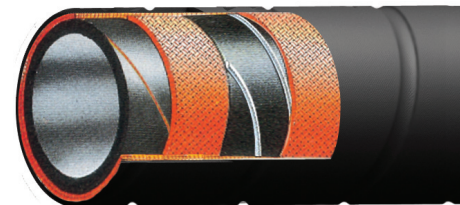
ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Oil S&D 10 Bar

FLAT CORRUGATED



TUBE : OIL AND PETROL RESISTANT BLACK NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : OIL, WEATHER, OZONE, ABRASION AND SEA WATER RESISTANT, FLAT-CORRUGATED, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50%.



SEELE : ÖL- UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : ÖL-, OZON- UND WITTERUNGSBESTÄNDIG, ABRIEBFEST, SPEZIELL SYNTHETISCHER GUMMI, LEICHT GEWELLT, GEEIGNET FÜR EINSATZ IM SALZHALTIGEN WASSER.
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR MINERALÖLPRODUKTE MIT MAX. 50 % AROMATENGEHALT.



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE NERA ONDULATA PIATTA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE, AGLI AGENTI ATMOSFERICI ED ALL'ACQUA DI MARE.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE..
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL ONDULE PLAT, RESISTANT AUX HUILES, A L'ABRASION, A L'OZONE, AUX AGENTS ATMOSPHERIQUES ET A L'EAU DE MER.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|-------|--------|-------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 29 | 10 | 150 | 30 | 450 | -0.92 | 65 | 463 | 40-46-61 | |
| 1" | 25.4 | 36 | 10 | 150 | 30 | 450 | -0.92 | 85 | 614 | 40-46-61 | |
| 1 1/4" | 32 | 43 | 10 | 150 | 30 | 450 | -0.92 | 110 | 852 | 40-46-61 | |
| 1 1/2" | 38 | 49 | 10 | 150 | 30 | 450 | -0.92 | 130 | 993 | 40-46-61 | |
| 2" | 50.8 | 63 | 10 | 150 | 30 | 450 | -0.92 | 175 | 1499 | 40-46-61 | |
| 2 1/2" | 63.5 | 77 | 10 | 150 | 30 | 450 | -0.92 | 210 | 2096 | 40-46-61 | |
| 3" | 76.2 | 90 | 10 | 150 | 30 | 450 | -0.92 | 250 | 2571 | 40-46-61 | |
| 4" | 101.6 | 117 | 10 | 150 | 30 | 450 | -0.92 | 360 | 3820 | 40-46-61 | |
| 5" | 127 | 145 | 10 | 150 | 30 | 450 | -0.80 | 480 | 6190 | 40-46-61 | |
| 6" | 152.4 | 172 | 10 | 150 | 30 | 450 | -0.80 | 600 | 8621 | 40-46-61 | |
| 8" | 203.2 | 225 | 10 | 150 | 30 | 450 | -0.80 | 900 | 12425 | 30 | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS



Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)



-30°C / + 70°C
 -22°F / +158°F

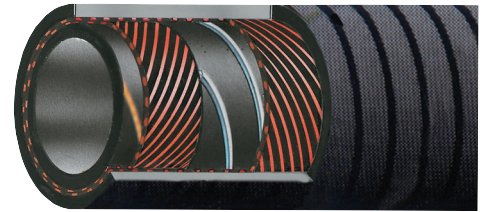
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|---|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |   |
|------------------------------------|----------|---------------------------------------|---|

Oil S&D 10 Bar

CHANNELED



TUBE : OIL AND PETROL RESISTANT BLACK NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : OIL, WEATHER, OZONE, ABRASION AND SEA WATER RESISTANT, CHANNELED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50%.



SEELE : ÖL- UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : ÖL-, OZON- UND WITTERUNGSBESTÄNDIG, ABRIEBFEST, SPEZIELL SYNTHETISCHER GUMMI, KORDELGERIPPT, GEEIGNET FÜR EINSATZ IM SALZHALTIGEN WASSER.
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR MINERALÖLPRODUKTE MIT MAX. 50 % AROMATENGEHALT.



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE NERA GRECATA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE, AGLI AGENTI ATMOSFERICI ED ALL'ACQUA DI MARE.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL ASPECT CRANELE, RESISTANT AUX HUILES, A L'ABRASION, A L'OZONE, AUX AGENTS ATMOSPHERIQUES ET A L'EAU DE MER.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-------|-------|-----|-----|-----|-----|--------|------|------|----------|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 29 | 29 | 10 | 145 | 30 | 435 | -0.92 | 50 | 494 | 40-46-61 |
| 1" | 25.4 | 35 | 35 | 10 | 145 | 30 | 435 | -0.92 | 70 | 601 | 40-46-61 |
| 1 1/4" | 32 | 42 | 42 | 10 | 145 | 30 | 435 | -0.92 | 90 | 814 | 40-46-61 |
| 1 1/2" | 38 | 48 | 48 | 10 | 145 | 30 | 435 | -0.92 | 105 | 948 | 40-46-61 |
| 2" | 50.8 | 63 | 63 | 10 | 145 | 30 | 435 | -0.92 | 150 | 1584 | 40-46-61 |
| 2 1/2" | 63.5 | 74 | 74 | 10 | 145 | 30 | 435 | -0.92 | 185 | 1786 | 40-46-61 |
| 3" | 76.2 | 90 | 90 | 10 | 145 | 30 | 435 | -0.92 | 220 | 2570 | 40-46-61 |
| 4" | 101.6 | 117.5 | 117.5 | 10 | 145 | 30 | 435 | -0.92 | 300 | 4234 | 40-46-61 |
| 5" | 127 | 146 | 146 | 10 | 145 | 30 | 435 | -0.80 | 400 | 6018 | 40-46-61 |
| 6" | 152.4 | 172 | 172 | 10 | 145 | 30 | 435 | -0.80 | 550 | 7063 | 40-46-61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)



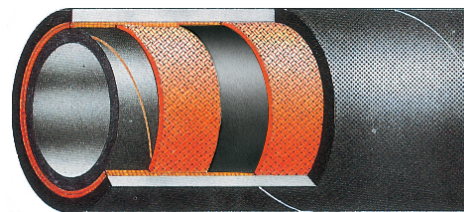
-30°C / + 70°C
 -22°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Oil Discharge 16 Bar



TUBE : OIL AND PETROL RESISTANT, BLACK NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE, WEATHER AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DELIVERY OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO %50.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGSFESTE SYNTHETISCHE TEXTILEINLAGE MIT ANTISTATISCHER KUPFERLITZE.
 DECKE : ÖL-, OZON UND WITTERUNGBESTÄNDIGER, SPEZIELLER SYNTHETIKGUMMI, ABRIEBFEST.
 ANWENDUNG : FÖRDERSCHLAUCH FÜR VERSCHIEDENE ÖLPRODUKTE MIT MAX. 50% AROMATENGESAMT.



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE NERA RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT AUX HUILES, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1" | 25.4 | 36 | 16 | 232 | 48 | 696 | 652 | 40-46-61 |
| 1 1/4" | 32 | 43 | 16 | 232 | 48 | 696 | 855 | 40-46-61 |
| 1 1/2" | 38 | 49 | 16 | 232 | 48 | 696 | 965 | 40-46-61 |
| 1 3/4" | 44.5 | 56 | 16 | 232 | 48 | 696 | 1230 | 40-46-61 |
| 2" | 50.8 | 63 | 16 | 232 | 48 | 696 | 1390 | 40-46-61 |
| 2 1/2" | 63.5 | 76 | 16 | 232 | 48 | 696 | 1790 | 40-46-61 |
| 3" | 76.2 | 90 | 16 | 232 | 48 | 696 | 2325 | 40-46-61 |
| 3 1/2" | 90 | 105 | 16 | 232 | 48 | 696 | 2957 | 40-46-61 |
| 4" | 101.6 | 117 | 16 | 232 | 48 | 696 | 3350 | 40-46-61 |
| 5" | 127 | 144 | 16 | 232 | 48 | 696 | 4550 | 40-46-61 |
| 6" | 152.4 | 171 | 16 | 232 | 48 | 696 | 5960 | 40-46-61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)



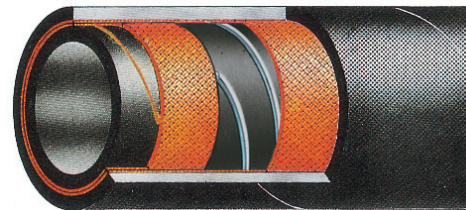
-30°C / + 70°C
 -22°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Oil S&D 16 Bar



TUBE : OIL AND PETROL RESISTANT, BLACK NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : OIL, WEATHER, OZONE, ABRASION RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO %50.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGSFESTE SYNTHETISCHE TEXTILEINLAGE, STAHLDRAHTSPIRALE MIT ANTISTATISCHER KUPFERLITZE.
 DECKE : ÖL-, OZON UND WITTERUNGBESTÄNDIGER, SPEZIELLER SYNTHETIKGUMMI, ABRIEBFEST
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR VERSCHIEDENE ÖLPRODUKTE MIT MAX. 50% AROMATENGEGHALT



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT AUX HUILES, A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-------|----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 1" | 25.4 | 37 | 16 | 232 | 48 | 696 | -0.92 | 110 | 795 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 16 | 232 | 48 | 696 | -0.92 | 145 | 1042 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 16 | 232 | 48 | 696 | -0.92 | 180 | 1366 | 40-46-61 | |
| 1 3/4" | 44.5 | 58 | 16 | 232 | 48 | 696 | -0.92 | 220 | 1620 | 40-46-61 | |
| 2" | 50.8 | 65 | 16 | 232 | 48 | 696 | -0.92 | 265 | 1885 | 40-46-61 | |
| 2 1/2" | 63.5 | 79 | 16 | 232 | 48 | 696 | -0.92 | 330 | 2475 | 40-46-61 | |
| 3" | 76.2 | 92 | 16 | 232 | 48 | 696 | -0.92 | 400 | 3255 | 40-46-61 | |
| 3 1/2" | 90 | 107 | 16 | 232 | 48 | 696 | -0.92 | 475 | 4025 | 40-46-61 | |
| 4" | 101.6 | 118 | 16 | 232 | 48 | 696 | -0.92 | 535 | 4305 | 40-46-61 | |
| 5" | 127 | 148 | 16 | 232 | 48 | 696 | -0.80 | 685 | 7035 | 40-46-61 | |
| 6" | 152.4 | 175.5 | 16 | 232 | 48 | 696 | -0.80 | 840 | 9625 | 40-46-61 | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)



-30°C / + 70°C
 -22°F / +158°F

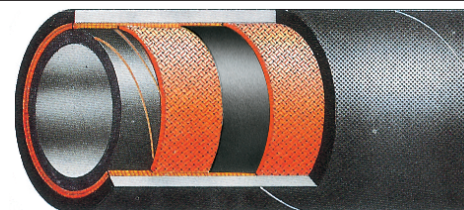
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Oil Discharge 16 Bar

EN 1360 Type 1



TUBE : OIL AND PETROL RESISTANT BLACK NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE, WEATHER, FLAME, HEAT, GASOLINE AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DELIVERY OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO %50.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGSFESTE SYNTHETISCHE TEXTILEINLAGE MIT ANTISTATISCHER KUPFERLITZE.
 DECKE : ABRIEBFESTER, HITZE-, ÖL-, OZON- UND WITTERUNGBESTÄNDIGER, FLAMMWIDRIGER, SPEZIELLER SYNTHETIKGUMMI, BESTÄNDIG GEGEN KRAFTSTOFFE
 ANWENDUNG : FÖRDERSCHLAUCH FÜR VERSCHIEDENE ÖLPRODUKTE MIT MAX. 50% AROMATENGEHALT



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI
 IMPIEGO : PER MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT AUX HUILES, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%

| ID | | OD | | WP | | BP | | BR/r | W | L |
|---------|------|------|----|-----|-----|-----|-----|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 21.5 | 16 | 232 | 48 | 696 | 60 | 342 | 40-46-61 | |
| 5/8" | 16 | 26 | 16 | 232 | 48 | 696 | 80 | 480 | 40-46-61 | |
| 3/4" | 19 | 29 | 16 | 232 | 48 | 696 | 100 | 530 | 40-46-61 | |
| 1" | 25.4 | 36 | 16 | 232 | 48 | 696 | 150 | 740 | 40-46-61 | |
| 1 1/4" | 32 | 45 | 16 | 232 | 48 | 696 | 175 | 1100 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 16 | 232 | 48 | 696 | 225 | 1235 | 40-46-61 | |
| 1 9/16" | 40 | 53 | 16 | 232 | 48 | 696 | 225 | 1292 | 40-46-61 | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

- Tube upon request : Conductive (Ω)
- Seele nach Anfrage : Leitfähig (Ω)
- Sottostrato su richiesta : Conduttiva (Ω)
- Tube sur demande : Conducteur (Ω)



-30°C / + 70°C
 -22°F / +158°F



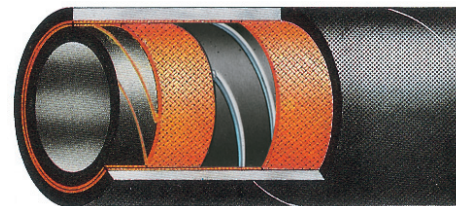
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL **BARREL/16** OIL DISCHARGE HOSE - TS EN 1360 - Type 1 - M - NT - W.P. 16 BAR (232 PSI)

| | | | |
|------------------------------------|---------------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 1360 TYPE 1 - CAT:M ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|---------------------------------------|---------------------------------------|--|

Oil S&D16 Bar

EN 1360 Type 2



TUBE : OIL AND PETROL RESISTANT BLACK NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE, WEATHER, FLAME, HEAT, GASOLINE, OIL AND SEAWATER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO %50.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGSFESTE SYNTHETISCHE TEXTILEINLAGE, STAHLDRAHTSPIRALE MIT ANTISTATISCHER KUPFERLITZE.
 DECKE : ABRIEBFESTER, HITZE-, ÖL-, OZON- UND WITTERUNGBESTÄNDIGER, FLAMMWIDRIGER, SPEZIELLER SYNTHETIKGUMMI, BESTÄNDIG GEGEN KRAFTSTOFFE
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR VERSCHIEDENE ÖLPRODUKTE MIT MAX. 50% AROMATENGEHALT



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE NERA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE, AGLI AGENTI ATMOSFERICI ED ALL'ACQUA DI MARE.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT AUX HUILES, A L'ABRASION, A L'OZONE, AUX AGENTS ATMOSPHERIQUES ET A L'EAU DE MER.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|---------|------|----|----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 30 | 16 | 232 | 48 | 696 | -0.92 | 100 | 625 | 40-46-61 | |
| 1" | 25.4 | 38 | 16 | 232 | 48 | 696 | -0.92 | 150 | 930 | 40-46-61 | |
| 1 1/4" | 32 | 45 | 16 | 232 | 48 | 696 | -0.92 | 175 | 1180 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 16 | 232 | 48 | 696 | -0.92 | 225 | 1445 | 40-46-61 | |
| 1 9/16" | 40 | 54 | 16 | 232 | 48 | 696 | -0.92 | 225 | 1660 | 40-46-61 | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)



-30°C / + 70°C
 -22°F / +158°F



MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

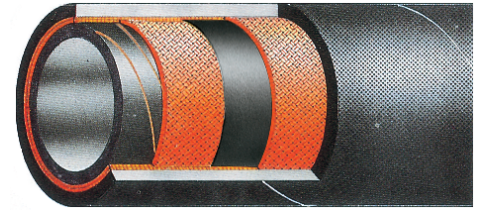
SEL BARREL SD/16 OIL S / D HOSE - TS EN 1360 - Type 2 - M - NT - W.P. 16 BAR (232 PSI)



| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 1360 TYPE 2 - CAT: M ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|

Oil Discharge 16 Bar

EN 1761 Type D



TUBE : OIL AND PETROL RESISTANT BLACK NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND 2 ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE, WEATHER, FLAME, HEAT, GASOLINE AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DELIVERY OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO %50.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGSFESTE SYNTHETISCHE TEXTILEINLAGE MIT 2 ANTISTATISCHE KUPFERLITZEN.
 DECKE : ABRIEBFESTER, HITZE-, ÖL-, OZON- UND WITTERUNGBESTÄNDIGER, FLAMMWIDRIGER, SPEZIELLER SYNTHETIKGUMMI, BESTÄNDIG GEGEN KRAFTSTOFFE.
 ANWENDUNG : FÖRDERSCHLAUCH FÜR VERSCHIEDENE ÖLPRODUKTE MIT MAX. 50% AROMATENGHEALT.



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON 2 CORDICELLE DI RAME ANTISTATICHE.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI
 IMPIEGO : PER MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET 2 FILS DE MASSE ANTISTATIQUES.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT AUX HUILES, A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-----|------|------|----------|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 3/4" | 19 | 31 | 31 | 16 | 232 | 48 | 696 | 125 | 625 | 40-46-61 |
| 1" | 25.4 | 37 | 37 | 16 | 232 | 48 | 696 | 150 | 730 | 40-46-61 |
| 1 1/4" | 32 | 44 | 44 | 16 | 232 | 48 | 696 | 175 | 935 | 40-46-61 |
| 1 1/2" | 38 | 51 | 51 | 16 | 232 | 48 | 696 | 225 | 1192 | 40-46-61 |
| 2" | 50.8 | 67 | 67 | 16 | 232 | 48 | 696 | 275 | 1960 | 40-46-61 |
| 2 1/2" | 63.5 | 79 | 79 | 16 | 232 | 48 | 696 | 300 | 2237 | 40-46-61 |
| 3" | 76.2 | 92 | 92 | 16 | 232 | 48 | 696 | 350 | 2727 | 40-46-61 |
| 4" | 101.6 | 118 | 118 | 16 | 232 | 48 | 696 | 450 | 3710 | 40-46-61 |
| 5" | 127 | 145 | 145 | 16 | 232 | 48 | 696 | 635 | 4815 | 40-46-61 |
| 6" | 152.4 | 172 | 172 | 16 | 232 | 48 | 696 | 750 | 6135 | 40-46-61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)



-30°C / + 70°C
 -22°F / +158°F



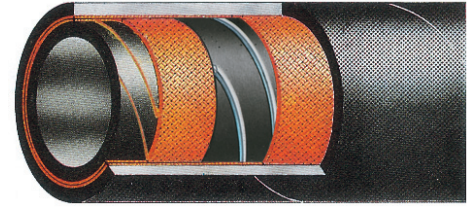
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL FOSSIL D/16 OIL DISCHARGE HOSE - TS 9464 EN 1761: 2002 - Type D - M - W.P. 16 BAR (232 PSI)

| | | | |
|------------------------------------|------------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS 9464 EN 1761 TYPE D ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|------------------------------------|---------------------------------------|--|

Oil S&D 16 BAR

EN 1761 Type SD



TUBE : OIL AND PETROL RESISTANT BLACK NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND 2 ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE, WEATHER, FLAME, HEAT, GASOLINE, OIL AND SEAWATER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO %50.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGSFESTE SYNTHETISCHE TEXTILEINLAGE, 2 STAHLDRAHTSPIRALEN UND 2 ANTISTATISCHE KUPFERLITZEN.
 DECKE : ABRIEBFESTER, HITZE-, ÖL-, OZON- UND WITTERUNGBESTÄNDIGER, FLAMMWIDRIGER, SPEZIELLER SYNTHETIKGUMMI, BESTÄNDIG GEGEN KRAFTSTOFFE UND SALZWASSER.
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR VERSCHIEDENE ÖLPRODUKTE MIT MAX. 50% AROMATENGHALT



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON 2 SPIRALI D'ACCIAIO E 2 CORDICELLE DI RAME ANTISTATICHE.
 COPERTURA : GOMMA SPECIALE NERA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE, AGLI AGENTI ATMOSFERICI ED ALL'ACQUA DI MARE.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET 2 FILS DE MASSE ANTISTATIQUES.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT AUX HUILES, A L'ABRASION, A L'OZONE, AUX AGENTS ATMOSPHERIQUES ET A L'EAU DE MER.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 31 | 16 | 232 | 48 | 696 | -0.80 | 125 | 672 | 40-46-61 | |
| 1" | 25.4 | 37 | 16 | 232 | 48 | 696 | -0.80 | 150 | 810 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 16 | 232 | 48 | 696 | -0.80 | 175 | 1035 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 16 | 232 | 48 | 696 | -0.80 | 225 | 1375 | 40-46-61 | |
| 2" | 50.8 | 67 | 16 | 232 | 48 | 696 | -0.80 | 275 | 2215 | 40-46-61 | |
| 2 1/2" | 63.5 | 79 | 16 | 232 | 48 | 696 | -0.80 | 300 | 2625 | 40-46-61 | |
| 3" | 76.2 | 92 | 16 | 232 | 48 | 696 | -0.80 | 350 | 3375 | 40-46-61 | |
| 4" | 101.6 | 118 | 16 | 232 | 48 | 696 | -0.80 | 450 | 4415 | 40-46-61 | |
| 5" | 127 | 145 | 16 | 232 | 48 | 696 | -0.80 | 635 | 5800 | 40-46-61 | |
| 6" | 152.4 | 172 | 16 | 232 | 48 | 696 | -0.80 | 750 | 8145 | 40-46-61 | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)




-30°C / + 70°C
 -22°F / +158°F



MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

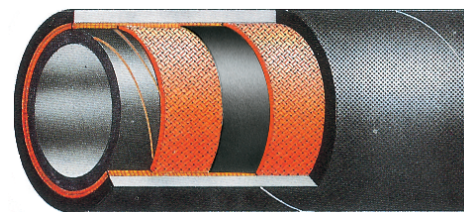
SEL **FOSSIL SD/16** OIL S / D HOSE - TS 9464 EN 1761: 2002 - Type SD - M - W.P. 16 BAR (232 PSI)    

| | | | |
|------------------------------------|-------------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS 9464 EN 1761 TYPE SD ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|-------------------------------------|---------------------------------------|--|



Oil Discharge 16 Bar

EN 12115 Type D



TUBE : OIL AND PETROL RESISTANT CONDUCTIVE NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND 2 ANTISTATIC COPPER WIRE.
 COVER : OIL, WEATHER, FLAME, OZONE, ABRASION AND SEA WATER RESISTANT , SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DELIVERY OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50%.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT 2 ANTISTATISCHE KUPFERLITZEN.
 DECKE : ÖL-, OZON-, UND WITTERUNGSBESTÄNDIGER, FLAMMWIDRIGER, SPEZIELER SYNTHETIKGUMMI, BESTÄNDIG GEGEN MEERWASSER.
 ANWENDUNG : FÖRDERSCHLAUCH FÜR MINERALÖLPRODUKTE MIT MAX. %50 AROMATENGEHALT.



SOTTOSTRATO : GOMMA NBR NERA CONDUTTIVA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONE TESSILI AD ALTA TENACITÀ CON 2 CORDICELLE DI RAME ANTISTATICHE.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI, ALLA FIAMMA, ALL'OZONO, ALL' ABRASIONE ET AGLI AGENTI ATMOSFERICI ED ALL'ACQUA DI MARE.
 IMPIEGO : PER MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, CONDUCTEUR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET 2 FILS DE MASSE ANTISTATIQUES..
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT AUX HUILES, A L'ABRASION, A L'OZONE, A LA FLAMME, A L'EAU DE MER ET AUX AGENTS ATMOSPERIQUES.
 APPLICATION : POUR REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-----|------|------|----------|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 3/4" | 19 | 31 | 31 | 16 | 232 | 64 | 928 | 125 | 632 | 40-46-61 |
| 1" | 25.4 | 37 | 37 | 16 | 232 | 64 | 928 | 150 | 777 | 40-46-61 |
| 1 1/4" | 32 | 44 | 44 | 16 | 232 | 64 | 928 | 175 | 974 | 40-46-61 |
| 1 1/2" | 38 | 51 | 51 | 16 | 232 | 64 | 928 | 225 | 1219 | 40-46-61 |
| 2" | 50.8 | 67 | 67 | 16 | 232 | 64 | 928 | 275 | 2007 | 40-46-61 |
| 2 1/2" | 63.5 | 79 | 79 | 16 | 232 | 64 | 928 | 300 | 2308 | 40-46-61 |
| 3" | 76.2 | 92 | 92 | 16 | 232 | 64 | 928 | 350 | 2783 | 40-46-61 |
| 4" | 101.6 | 118 | 118 | 16 | 232 | 64 | 928 | 450 | 3823 | 40-46-61 |



-20°C / + 70°C
 - 4°F / +158°F



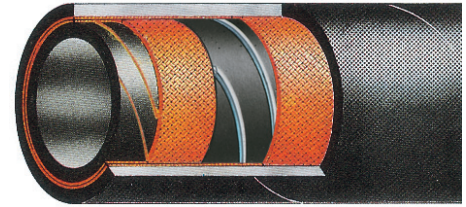
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL YAKIT-EN 12115/D-16 OIL DISCHARGE HOSE - TS EN 12115 - NBR - Type D - M - W.P. 16 BAR (232 PSI)

| | | | |
|------------------------------------|-----------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | EN 12115 TYPE D ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|-----------------------------|---------------------------------------|--|

Oil S&D 16 BAR

EN 12115 Type SD



TUBE : OIL AND PETROL RESISTANT CONDUCTIVE NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND 2 ANTISTATIC COPPER WIRE.
 COVER : OIL, WEATHER, FLAME, OZONE, ABRASION AND SEA WATER RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50%.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT 2 ANTISTATISCHE KUPFERLITZEN.
 DECKE : ÖL-, OZON-, UND WITTERUNGSBESTÄNDIGER, FLAMMWIDRIGER, SPEZIELER SYNTHETIKGUMMI, BESTÄNDIG GEGEN MEERWASSER.
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR MINERALÖLPRODUKTE MIT MAX. %50 AROMATENGHALT.



SOTTOSTRATO : GOMMA NBR NERA CONDUTTIVA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONE TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E 2 CORDICELLE DI RAME ANTISTATICHE.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLII, ALLA FIAMMA, ALL'OZONO, ALL'ABRASIONE, AGLI AGENTI ATMOSFERICI ED ALL'ACQUA DIMARE.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, CONDUCTEUR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET 2 FILS DE MASSE ANTISTATIQUES.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT AUX HUILES, A L'ABRASION, A L'OZONE, A LA FLAMME, A L'EAU DE MER ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 3/4" | 19 | 31 | 16 | 232 | 64 | 928 | -0.92 | 125 | 673 | 40-46-61 | |
| 1" | 25.4 | 37 | 16 | 232 | 64 | 928 | -0.92 | 150 | 842 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 16 | 232 | 64 | 928 | -0.92 | 175 | 1037 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 16 | 232 | 64 | 928 | -0.92 | 225 | 1408 | 40-46-61 | |
| 2" | 50.8 | 67 | 16 | 232 | 64 | 928 | -0.92 | 275 | 2205 | 40-46-61 | |
| 2 1/2" | 63.5 | 79 | 16 | 232 | 64 | 928 | -0.92 | 300 | 2739 | 40-46-61 | |
| 3" | 76.2 | 92 | 16 | 232 | 64 | 928 | -0.80 | 350 | 3304 | 40-46-61 | |
| 4" | 101.6 | 118 | 16 | 232 | 64 | 928 | -0.80 | 450 | 4542 | 40-46-61 | |




-20°C / + 70°C
 - 4°F / +158°F

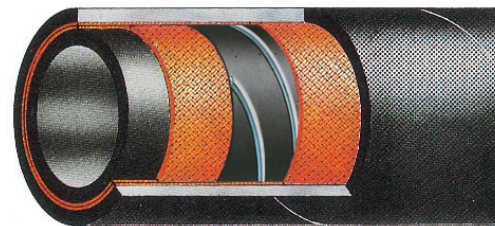


MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL YAKIT-EN 12115/SD-16 OIL S/D DISCHARGE HOSE - TS EN 12115 - NBR - Type SD - M - W.P. 16 BAR (232 PSI)    

| | | | |
|------------------------------------|------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | EN 12115 TYPE SD | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|------------------|---------------------------------------|--|

Textile Hydraulic R4



TUBE : HYDRAULIC OIL RESISTANT SPECIAL NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : OIL, HEAT, ABRASION, OZONE AND WEATHER RESISTANT SPECIAL CR RUBBER.
 APPLICATION : IN OIL RETURN LINES OF HYDRAULIC SYSTEMS OF INDUSTRIAL AND AGRICULTURAL APPLICATIONS.



SEELE : SPEZIELLES NBR GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE.
 EINLAGE : HOCHZUGFESTE, SYNTHETISCHE TEXTILEINLAGE MIT ZUSÄTZLICHER STAHLDRAHTSPIRALE.
 DECKE : SPEZIELLES CR GUMMI, ÖL-, ABRIE- UND WITTERUNGSBESTÄNDIG.
 ANWENDUNG : GEEIGNET ALS S/D SCHLAUCH FÜR MINERALÖLE IN DER INDUSTRIE UND ALS ÖLRÜCKLAUFSCHLAUCH FÜR LANDWIRTSCHAFTSMASCHINEN.



SOTTOSTRATO : GOMMA IN NBR, RESISTENTE AGLI OLI IDRAULICI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO.
 COPERTURA : GOMMA SPECIALE IN CR, RESISTENT AGLI OLI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : MANDATA ED ASPIRAZIONE DI FLUIDI IDRAULICI A BASE DI OLI MINERALI PER CIRCUITI OLEODINAMICI.



TUBE : CAOUTCHOUC SPECIAL NBR RESISTANT AUX HUILES HYDRAULIQUES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SPECIAL EN CR RESISTANT A L'OZONE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HUILE DANS LES SYSTEMES HYDRAULIQUES.

| Dash Size | ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|-----------|--------|-------|------|-----|-----|-----|------|--------|------|------|----------|
| | inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| -12 | 3/4" | 19 | 32 | 21 | 305 | 84 | 1218 | -0.80 | 125 | 755 | 40-46-61 |
| -16 | 1" | 25.4 | 37.4 | 17 | 247 | 68 | 986 | -0.80 | 150 | 885 | 40-46-61 |
| -20 | 1 1/4" | 31.8 | 45 | 14 | 203 | 56 | 812 | -0.80 | 200 | 1140 | 40-46-61 |
| -24 | 1 1/2" | 38.1 | 52 | 10 | 145 | 40 | 580 | -0.80 | 255 | 1550 | 40-46-61 |
| -28 | 1 3/4" | 44.5 | 58 | 10 | 145 | 40 | 580 | -0.80 | 270 | 1775 | 40-46-61 |
| -32 | 2" | 50.8 | 64 | 7 | 102 | 28 | 406 | -0.80 | 300 | 1890 | 40-46-61 |
| -40 | 2 1/2" | 63.5 | 77 | 4 | 58 | 16 | 232 | -0.80 | 355 | 2377 | 40-46-61 |
| -48 | 3" | 76.2 | 90 | 4 | 58 | 16 | 232 | -0.80 | 460 | 3121 | 40-46-61 |
| -56 | 3 1/2" | 88.9 | 103 | 3 | 44 | 12 | 174 | -0.80 | 530 | 3416 | 40-46-61 |
| -64 | 4" | 101.6 | 116 | 2 | 29 | 8 | 116 | -0.80 | 610 | 4171 | 40-46-61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)

Upon request :
 Auf Anfrage :
 Su richiesta :
 Sur demande :



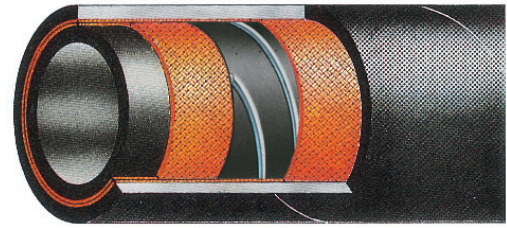
-40°C / +100°C
 -40°F / +212°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**





| | | | |
|------------------------------------|-----------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | SAE J 517 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|-----------------------|---------------------------------------|--|


Hydraulic Oil S/D Economic



 TUBE : HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : OIL,HEAT,ABRASION,OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : IN OIL RETURN LINES OF HYDRAULIC SYSTEMS OF INDUSTRIAL AND AGRICULTURAL APPLICATIONS.

 SEELE : SPEZIELLES SYNTHETISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE.
 EINLAGE : HOCHZUGFESTE, SYNTHETISCHE TEXTILEINLAGE MIT ZUSÄTZLICHER STAHLDRAHTSPIRALE.
 DECKE : SPEZIELLES SYNTHETISCHES GUMMI, ÖL-, OZON- UND WITTERUNGSBESTÄNDIG.
 ANWENDUNG : GEEIGNET ALS S/D SCHLAUCH FÜR MINERALÖLE IN DER INDUSTRIE UND ALS ÖLRÜCKLAUFSCHLAUCH FÜR LANDWIRTSCHAFTSMASCHINEN.

 SOTTOSTRATO : GOMMA NERA ,RESISTENTE AGLI OLI IDRAULICI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO.
 COPERTURA : GOMMA SPECIALE SINTETICA ,RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : MANDATA ED ASPIRAZIONE DI FLUIDI IDRAULICI A BASE DI OLI MINERALI PER CIRCUITI OLEODINAMICI.

 TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANT AUX HUILES HYDRAULIQUES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER NOYEE
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANT A L'OZONE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HUILE DANS LES SYSTEMES HYDRAULIQUES.

| Dash Size | ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|-----------|--------|-------|------|-----|-----|-----|------|--------|------|------|----------|
| | inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| -12 | 3/4" | 19 | 29 | 21 | 305 | 84 | 1218 | -0.80 | 100 | 530 | 40-46-61 |
| -16 | 1" | 25.4 | 35 | 17 | 247 | 68 | 986 | -0.80 | 125 | 665 | 40-46-61 |
| -20 | 1 1/4" | 31.8 | 42 | 14 | 203 | 56 | 812 | -0.80 | 150 | 825 | 40-46-61 |
| -24 | 1 1/2" | 38.1 | 49 | 10 | 145 | 40 | 580 | -0.80 | 200 | 1235 | 40-46-61 |
| -28 | 1 3/4" | 44.5 | 56 | 10 | 145 | 40 | 580 | -0.80 | 225 | 1480 | 40-46-61 |
| -32 | 2" | 50.8 | 62 | 7 | 102 | 28 | 406 | -0.80 | 250 | 1570 | 40-46-61 |
| -40 | 2 1/2" | 63.5 | 75.5 | 4 | 58 | 16 | 232 | -0.80 | 350 | 2105 | 40-46-61 |
| -48 | 3" | 76.2 | 88 | 4 | 58 | 16 | 232 | -0.80 | 400 | 2695 | 40-46-61 |
| -56 | 3 1/2" | 88.9 | 103 | 3 | 44 | 12 | 174 | -0.80 | 450 | 3400 | 40-46-61 |
| -64 | 4" | 101.6 | 115 | 2 | 29 | 8 | 116 | -0.80 | 550 | 3900 | 40-46-61 |


OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)

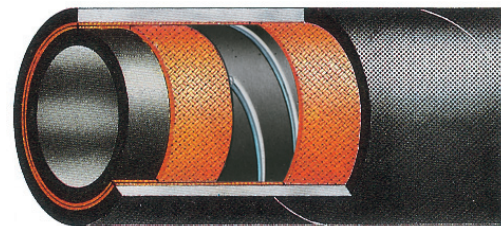
 -30°C / + 70°C
 -22°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

 **SELTEX ECO** W.P. *** Bar / **** PSI ** mm 

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|--|

Textile Hydraulic R4-X



X-Flexibility



TUBE : HYDRAULIC OIL RESISTANT SPECIAL NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : OIL, HEAT, ABRASION, OZONE AND WEATHER RESISTANT SPECIAL CR RUBBER.
 APPLICATION : IN OIL RETURN LINES OF HYDRAULIC SYSTEMS OF INDUSTRIAL AND AGRICULTURAL APPLICATIONS.



SEELE : SPEZIELLES NBR GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE.
 EINLAGE : HOCHZUGFESTE, SYNTHETISCHE TEXTILEINLAGE MIT ZUSÄTZLICHER STAHLDRAHTSPIRALE.
 DECKE : SPEZIELLES CR GUMMI, ÖL-, OZON- UND WITTERUNGSBESTÄNDIG.
 ANWENDUNG : GEEIGNET ALS S/D SCHLAUCH FÜR MINERALÖLE IN DER INDUSTRIE UND ALS ÖLRÜCKLAUFSCHLAUCH FÜR LANDWIRTSCHAFTSMASCHINEN.



SOTTOSTRATO : GOMMA IN NBR, RESISTENTE AGLI OLI IDRAULICI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO.
 COPERTURA : GOMMA SPECIALE IN CR, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : MANDATA ED ASPIRAZIONE DI FLUIDI IDRAULICI A BASE DI OLI MINERALI PER CIRCUITI OLEODINAMICI.



TUBE : CAOUTCHOUC SPECIAL NBR RESISTANT AUX HUILES HYDRAULIQUES.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SPECIAL EN CR RESISTANT A L'OZONE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HUILE DANS LES SYSTEMES HYDRAULIQUES.

| Dash Size | ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|-----------|--------|-------|------|-----|-----|-----|------|--------|------|------|----------|
| | inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| -12 | 3/4" | 19 | 29 | 21 | 305 | 84 | 1218 | -0.80 | 50 | 522 | 40-46-61 |
| -16 | 1" | 25.4 | 35 | 17 | 247 | 68 | 986 | -0.80 | 65 | 638 | 40-46-61 |
| -20 | 1 1/4" | 31.8 | 42 | 14 | 203 | 56 | 812 | -0.80 | 85 | 825 | 40-46-61 |
| -24 | 1 1/2" | 38.1 | 49 | 10 | 145 | 40 | 580 | -0.80 | 95 | 1075 | 40-46-61 |
| -28 | 1 3/4" | 44.5 | 56 | 10 | 145 | 40 | 580 | -0.80 | 110 | 1396 | 40-46-61 |
| -32 | 2" | 50.8 | 62 | 7 | 102 | 28 | 406 | -0.80 | 135 | 1544 | 40-46-61 |
| -40 | 2 1/2" | 63.5 | 75.5 | 4 | 58 | 16 | 232 | -0.80 | 180 | 2018 | 40-46-61 |
| -48 | 3" | 76.2 | 88 | 4 | 58 | 16 | 232 | -0.80 | 225 | 2505 | 40-46-61 |
| -56 | 3 1/2" | 88.9 | 103 | 3 | 44 | 12 | 174 | -0.80 | 270 | 3162 | 40-46-61 |
| -64 | 4" | 101.6 | 115 | 2 | 29 | 8 | 116 | -0.80 | 390 | 3635 | 40-46-61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)



-40°C / +100°C
 -40°F / +212°F

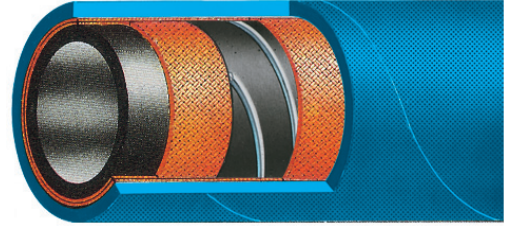
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|--------|-----------|---------------------------------------|--|
| NORMS | SAE J 517 | COLOUR FARBEN COLORI COULEUR | |
| NORMEN | ISO 1307 | | |
| NORME | | | |
| NORMES | | | |

Textile Hydraulic R4 - High Temp.

+135°C



TUBE : HIGH TEMPERATURE HYDRAULIC OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : OIL, HEAT, ABRASION, OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : IN OIL RETURN LINES OF HYDRAULIC SYSTEMS OF INDUSTRIAL AND AGRICULTURAL APPLICATIONS, WHERE OPERATING TEMPERATURES ARE UP TO 150 °C.



SEELE : SPEZIELLES SYNTETHISCHES GUMMI, BESTÄNDIG GEGEN HYDRAULIKÖLE MIT HOHEN ANWENDUNGSTEMPERATUREN.
 EINLAGE : HOCHZUGFESTE, SYNTHETISCHE TEXTILEINLAGEN MIT ZUSÄTZLICHER STAHLDRAHTSPIRALE.
 DECKE : SPEZIELLES SYNTETHISCHES GUMMI, ÖL-, ABRIEB- UND WITTERUNGSBESTÄNDIG.
 ANWENDUNG : GEEIGNET ALS S/D SCHLAUCH FÜR MINERALÖLE IN DER INDUSTRIE UND ALS ÖLRÜCKLAUFSCHLAUCH FÜR LANDWIRTSCHAFTSMASCHINEN. EINSATZFÄHIG BIS ZU 150 °C BETRIEBSTEMPERATUR.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI IDRAULICI AD ALTA TEMPERATURA..
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE METALLICA.
 COPERTURA : GOMMA SPECIALE SINTETICA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : MANDATA ED ASPIRAZIONE DEI FLUIDI IDRAULICI A BASE DEGLI OLI MINERALI PER CIRCUITI OLEODINAMICI, AD ALTA TEMPERATURA FINO A 150 °C.



TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANT AUX HUILES HYDRAULIQUES HAUTE TEMPERATURE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SPECIAL SYNTHETIQUE RESISTANTE A L'OZONE, AUX HUILES, CARBURANTS ET AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HUILE DANS LES SYSTEMES HYDRAULIQUES POUVANT ATTEINDRE 150 °C EN POINTE.

| Dash Size | ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|-----------|--------|-------|------|----|-----|-----|------|-------|--------|------|----------|---|
| | inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| -12 | 3/4" | 19 | 32 | 21 | 305 | 84 | 1218 | -0.80 | 125 | 767 | 40-46-61 | |
| -16 | 1" | 25.4 | 37.4 | 17 | 247 | 68 | 986 | -0.80 | 150 | 898 | 40-46-61 | |
| -20 | 1 1/4" | 31.8 | 45 | 14 | 203 | 56 | 812 | -0.80 | 200 | 1179 | 40-46-61 | |
| -24 | 1 1/2" | 38.1 | 52 | 10 | 145 | 40 | 580 | -0.80 | 255 | 1525 | 40-46-61 | |
| -28 | 1 3/4" | 44.5 | 58 | 10 | 140 | 40 | 580 | -0.80 | 270 | 1745 | 40-46-61 | |
| -32 | 2" | 50.8 | 64 | 7 | 102 | 28 | 406 | -0.80 | 300 | 1926 | 40-46-61 | |
| -40 | 2 1/2" | 63.5 | 77 | 4 | 58 | 16 | 232 | -0.80 | 355 | 2433 | 40-46-61 | |
| -48 | 3" | 76.2 | 90 | 4 | 58 | 16 | 232 | -0.80 | 460 | 2980 | 40-46-61 | |
| -56 | 3 1/2" | 88.9 | 103 | 3 | 44 | 12 | 174 | -0.80 | 530 | 3244 | 40-46-61 | |
| -64 | 4" | 101.6 | 116 | 2 | 29 | 8 | 116 | -0.80 | 610 | 3983 | 40-46-61 | |



-40°C / +135°C
 -40°F / +275°F

(+150°C DISCONTINUOUS)
 (+302°F DISCONTINUOUS)

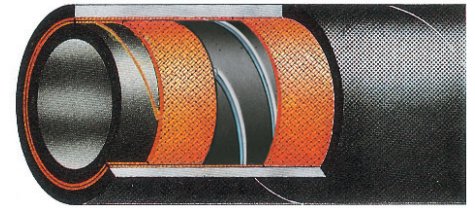
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL **ULTIMATE R4** SAE J 517 - WP *** Bar / **** PSI ** mm

| | | | |
|------------------------------------|-----------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | SAE J 517 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|-----------------------|---------------------------------------|--|

Dock Oil

EN 1765 Type S



TUBE : OIL AND PETROL RESISTANT NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : OIL, WEATHER, OZONE, ABRASION AND SEA WATER RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50% FROM TANKERS AND BARGES BUNKERING SERVICES AND INDUSTRIAL APPLICATIONS.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIGER NBR-GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, 2 STAHLDRAHTSPIRALEN UND ANTISTATISCHER KUPFERLITZE.
 DECKE : ABRIEFEST, ÖL-, MEERWASSER-, UND WITTERUNGSBESTÄNDIG, SPEZIELER SYNTHETIKGUMMI.
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR TANKER, BETANKUNGSFAHRZEUGE UND SCHIFFE MIT BENZIN, DIESEL, HEIZÖL UND MINERALÖLE MIT 50% AROMATENGEHALT.



SOTTOSTRATO : GOMMA NBR, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON 2 SPIRALI D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE, AGLI AGENTI ATMOSFERICI ED ALL'ACQUA DI MARE.
 IMPIEGO : ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50% NEL BUNKERAGGIO ED ALTRE APPLICAZIONI INDUSTRIALI.



TUBE : CAOUTCHOUC NBR, RESISTANT AUX HUILES ET HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE, AUX HUILES, A L'EAU DE MER ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DES PRODUITS PETROLIERS AVEC TENEUR EN AROMATIQUES JUSQU'A 50% ENTRE LES NAVIRES PETROLIERS OU LES BARGES VERS LES SITES INDUSTRIELS.



DOH 459 - Dock Oil Hose EN 1765: Type S10

| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
|------|-------|-----|-----|-----|-----|-----|-------|------|-------|----------|
| 4" | 101.6 | 128 | 10 | 145 | 40 | 580 | -0.92 | 500 | 6820 | 40-46-61 |
| 5" | 127 | 156 | 10 | 145 | 40 | 580 | -0.92 | 650 | 9395 | 40-46-61 |
| 6" | 152.4 | 185 | 10 | 145 | 40 | 580 | -0.92 | 750 | 13150 | 40-46-61 |
| 8" | 203 | 239 | 10 | 145 | 40 | 580 | -0.92 | 950 | 18490 | 20 |
| 10" | 254 | 293 | 10 | 145 | 40 | 580 | -0.92 | 1200 | 25520 | 10 |

DOH 460 - Dock Oil Hose EN 1765: Type S15

| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
|------|-------|-----|-----|-------|-----|-----|-------|------|-------|----------|
| 4" | 101.6 | 130 | 15 | 217.5 | 60 | 870 | -0.92 | 500 | 6980 | 40-46-61 |
| 5" | 127 | 158 | 15 | 217.5 | 60 | 870 | -0.92 | 650 | 9650 | 40-46-61 |
| 6" | 152.4 | 188 | 15 | 217.5 | 60 | 870 | -0.92 | 750 | 14385 | 40-46-61 |
| 8" | 203 | 242 | 15 | 217.5 | 60 | 870 | -0.92 | 950 | 20170 | 20 |
| 10" | 254 | 296 | 15 | 217.5 | 60 | 870 | -0.92 | 1200 | 27490 | 10 |



-30°C /+ 82°C
 -50°F /+ 180°F

AROMATIC CONTENT: ≤ % 50



MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS-EN 1765 TYPE S10 TS-EN 1765 TYPE S15 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|

Swaged Flanges Petroleum S&D Hose For Tankers & Bunkering

EN 1765 Type S10



TUBE : OIL AND PETROL RESISTANT NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : OIL, WEATHER, OZONE, ABRASION AND SEA WATER RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50% FROM TANKERS AND BARGES BUNKERING SERVICES AND INDUSTRIAL APPLICATIONS.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIGER NBR-GUMMI
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, 2 STAHLDRAHTSPIRALEN UND ANTISTATISCHER KUPFERLITZE
 DECKE : ABRIEBFEST, ÖL-, MEERWASSER-, UND WITTERUNGSBESTÄNDIG, SPEZIELER SYNTHETIKGUMMI
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR TANKER, BETANKUNGSFAHRZEUGE UND SCHIFFE MIT BENZIN, DIESEL, HEIZÖL UND MINERALÖLE MIT 50% AROMATENGEGHALT, EINGEPRESST



SOTTOSTRATO : GOMMA NBR, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON 2 SPIRALI D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE, AGLI AGENTI ATMOSFERICI ED ALL'ACQUA DI MARE.
 IMPIEGO : ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50% NEL BUNKERAGGIO ED ALTRE APPLICAZIONI INDUSTRIALI.



TUBE : CAOUTCHOUC NBR, RESISTANT AUX HUILES ET HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE, AUX HUILES, A L'EAU DE MER ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DES PRODUITS PETROLIERS AVEC TENEUR EN AROMATIQUES JUSQU'A 50% ENTRE LES NAVIRES PETROLIERS OU LES BARGES VERS LES SITES INDUSTRIELS.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|------|-------|-----|-----|-----|-----|-----|-------|--------|-------|--------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 2" | 50.8 | 68 | 10 | 145 | 40 | 580 | -0.92 | 200 | 2280 | 6 ~ 40 | |
| 3" | 76.2 | 97 | 10 | 145 | 40 | 580 | -0.92 | 400 | 4055 | 6 ~ 40 | |
| 4" | 101.6 | 128 | 10 | 145 | 40 | 580 | -0.92 | 500 | 6820 | 6 ~ 40 | |
| 5" | 127 | 156 | 10 | 145 | 40 | 580 | -0.92 | 650 | 9395 | 6 ~ 40 | |
| 6" | 152.4 | 185 | 10 | 145 | 40 | 580 | -0.92 | 750 | 13150 | 6 ~ 40 | |
| 8" | 203 | 239 | 10 | 145 | 40 | 580 | -0.92 | 950 | 18490 | 6 ~ 12 | |

TO BE SPECIFIED : ELECTRICALLY CONTINUOUS OR DISCONTINUOUS
 SPEZIFIZIET : ZWISCHEN VOLL- UND TEILLEICHTFÄHIGKEIT WÄHLBAR.
 DA SPECIFICARE : ELETTIRICAMENTE CONTINUO O DISCONTINUO
 A PRECISER : ELECTRIQUEMENT CONDUCTEUR OU NON-CONDUCTEUR

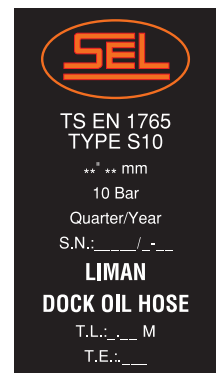
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE

NOTES ON ORDERING
 A - Inside diameter
 B - Length (Overall Length)
 C - Working pressure
 D - Type ends or end fittings
 E - Applications (Much detail as possible)
 F - Working temperature

BEMERKUNGEN ZUM AUFTRAG
 A - Innendurchmesser
 B - Schlauchlänge F-F
 C - Betriebsdruck
 D - Flanschbezeichnung
 E - Einsatzbedingungen (Möglichst viele Information angeben)
 F - Betriebstemperatur

NOTE ORDINI
 A - Diametro interno
 B - Lunghezza (Flange Incluso)
 C - Pressione di lavoro
 D - Specificazioni per le flange
 E - Applicazione (Massimo dettagli possibile)
 F - Temperatura di lavoro

PRECISIONS NECESSAIRES
 A - Diametre interieur
 B - Longueur (Brides inclues)
 C - Pression de service
 D - Specifications des brides
 E - Applications (Plus de details possible)
 F - Temperature de travail



-30°C / + 82°C
 -50°F / +180°F

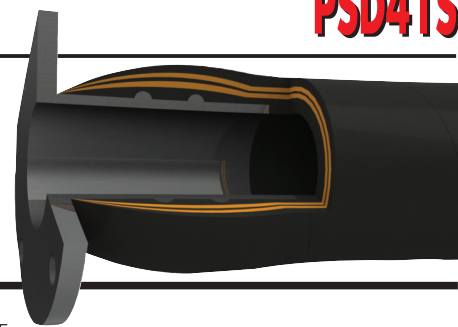
AROMATIC CONTENT: ≤ % 50

| | | | |
|------------------------------------|----------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 1765 S10 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------------|---------------------------------------|--|



Built-In Flanges Petroleum S&D Hose For Tankers & Bunkering

EN 1765 Type S10



TUBE : OIL AND PETROL RESISTANT NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : OIL, WEATHER, OZONE, ABRASION AND SEA WATER RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50% FROM TANKERS AND BARGES BUNKERING SERVICES AND INDUSTRIAL APPLICATIONS.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIGER NBR-GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, 2 STAHLDRAHTSPIRALEN UND ANTISTATISCHER KUPFERLITZE.
 DECKE : ABRIEBFEST, ÖL-, MEERWASSER-, UND WITTERUNGSBESTÄNDIG, SPEZIELER SYNTHETIKGUMMI.
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR TANKER, BETANKUNGSFAHRZEUGE UND SCHIFFE MIT BENZIN, DIESEL, HEIZÖL UND MINERALÖLE MIT 50% AROMATENGHALT, VULKANISIERT



SOTTOSTRATO : GOMMA NBR, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON 2 SPIRALI D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE, AGLI AGENTI ATMOSFERICI ED ALL'ACQUA DI MARE.
 IMPIEGO : ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50% NEL BUNKERAGGIO ED ALTRE APPLICAZIONI INDUSTRIALI.



TUBE : CAOUTCHOUC NBR, RESISTANT AUX HUILES ET HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONO, AUX HUILES, A L'EAU DE MER ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DES PRODUITS PETROLIERS AVEC TENEUR EN AROMATIQUES JUSQU'A 50% ENTRE LES NAVIRES PETROLIERS OU LES BARGES VERS LES SITES INDUSTRIELS.

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|------|-------|-----|-----|-----|-----|-----|--------|------|-------|--------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 2" | 50.8 | 72 | 10 | 145 | 40 | 580 | -0.92 | 200 | 3500 | 6 ~ 40 |
| 3" | 76.2 | 100 | 10 | 145 | 40 | 580 | -0.92 | 400 | 5560 | 6 ~ 40 |
| 4" | 101.6 | 129 | 10 | 145 | 40 | 580 | -0.92 | 500 | 7970 | 6 ~ 40 |
| 5" | 127 | 162 | 10 | 145 | 40 | 580 | -0.92 | 650 | 14070 | 6 ~ 40 |
| 6" | 152.4 | 190 | 10 | 145 | 40 | 580 | -0.92 | 750 | 17325 | 6 ~ 40 |
| 8" | 203 | 243 | 10 | 145 | 40 | 580 | -0.92 | 950 | 24150 | 6 ~ 12 |
| 10" | 254 | 302 | 10 | 145 | 40 | 580 | -0.92 | 1200 | 38630 | 6 ~ 12 |
| 12" | 305.8 | 356 | 10 | 145 | 40 | 580 | -0.92 | 1500 | 48500 | 6 ~ 12 |
| 14" | 355.6 | 408 | 10 | 145 | 40 | 580 | -0.92 | 2150 | 60000 | 6 ~ 12 |
| 16" | 406 | 460 | 10 | 145 | 40 | 580 | -0.92 | 2800 | 72500 | 6 ~ 12 |

TO BE SPECIFIED : ELECTRICALLY CONTINUOUS OR DISCONTINUOUS
 SPEZIFIZIET : ZWISCHEN VOLL- UND TEILLEICHTFÄHIGKEIT WÄHLBAR.
 DA SPECIFICARE : ELETTRICAMENTE CONTINUO O DISCONTINUO
 A PRECISER : ELECTRIQUEMENT CONDUCTEUR OU NON-CONDUCTEUR

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE

NOTES ON ORDERING
 A- Inside diameter
 B- Length (Overall Length)
 C- Working pressure
 D- Type ends or end fittings
 E- Applications (Much detail as possible)
 F- Working temperature

BEMERKUNGEN ZUM AUFTRAG
 A- Innendurchmesser
 B- Schlauchlänge F-F
 C- Betriebsdruck
 D- Flanschbezeichnung
 E- Einsatzbedingungen (Möglichst viele Information angeben)
 F- Betriebstemperatur

NOTE ORDINI
 A- Diametro interno
 B- Lunghezza (Flange Incluso)
 C- Pressione di lavoro
 D- Specificazioni per le flange
 E- Applicazione (Massimo dettagli possibile)
 F- Temperatura di lavoro

PRECISIONS NECESSAIRES
 A- Diametre interieur
 B- Longueur (Brides incluses)
 C- Pression de service
 D- Specifications des brides
 E- Applications (Plus de details possible)
 F- Temperature de travail



-30 °C / + 82 °C
 -50 °F / +180 °F

AROMATIC CONTENT: ≤ % 50

NORMS
 NORMEN
 NORME
 NORMES

TS EN 1765 S10

COLOUR
 FARBEN
 COLORI
 COULEUR



TS EN 1765
 TYPE S10
 ..* .. mm
 10 Bar
 Quarter/Year
 S.N.: ____/____
LIMAN
DOCK OIL HOSE
 T.L.: ____ M
 T.E.: ____



Swaged Flanges Petroleum S&D Hose For Tankers & Bunkering

EN 1765 Type S15



TUBE : OIL AND PETROL RESISTANT NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : OIL, WEATHER, OZONE, ABRASION AND SEA WATER RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50% FROM SHIP TO SHIP OR FROM SHIP TO DOCK.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIGER NBR-GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, 2 STAHLDRAHTSPIRALEN UND ANTISTATISCHER KUPFERLITZE.
 DECKE : ABRIEBFEST, ÖL-, MEERWASSER-, UND WITTERUNGSBESTÄNDIG, SPEZIELER SYNTHETIKGUMMI.
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR SCHIFFE MIT BENZIN, DIESEL, HEIZÖL UND MINERALÖLE MIT 50% AROMATENGEHALT, EINGEPRESST, SCHIFF ZU SCHIFF ODER SCHIFF ZU DOCK VERBINDUNG.



SOTTOSTRATO : GOMMA NBR, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON 2 SPIRALI D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA, RESISTENTE AGLI OLI, ALL'OZONO, ALL'ABRASIONE, AGLI AGENTI ATMOSFERICI ED ALL'ACQUA DI MARE.
 IMPIEGO : ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50% DA NAVE A NAVE O DA NAVE AL BANCHINA.



TUBE : CAOUTCHOUC NBR, RESISTANT AUX HUILES ET HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE, AUX HUILES, A L'EAU DE MER ET AUX AGENTS ATMOSPERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DES PRODUITS PETROLIERS AVEC TENEUR EN AROMATIQUES JUSQU'A 50% DE NAVIRE A NAVIRE OU ENTRE LE NAVIRE ET LE QUAI.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|------|-------|-----|-----|-------|-----|-----|-------|--------|-------|--------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 2" | 50,8 | 70 | 15 | 217,5 | 60 | 870 | -0,92 | 200 | 2695 | 6 ~ 40 | |
| 3" | 76,2 | 100 | 15 | 217,5 | 60 | 870 | -0,92 | 400 | 4610 | 6 ~ 40 | |
| 4" | 101,6 | 130 | 15 | 217,5 | 60 | 870 | -0,92 | 500 | 6980 | 6 ~ 40 | |
| 5" | 127 | 158 | 15 | 217,5 | 60 | 870 | -0,92 | 650 | 9650 | 6 ~ 40 | |
| 6" | 152,4 | 188 | 15 | 217,5 | 60 | 870 | -0,92 | 750 | 14385 | 6 ~ 40 | |
| 8" | 203 | 242 | 15 | 217,5 | 60 | 870 | -0,92 | 950 | 20170 | 6 ~ 12 | |

TO BE SPECIFIED : ELECTRICALLY CONTINUOUS OR DISCONTINUOUS
 SPEZIFIZIET : ZWISCHEN VOLL- UND TEILLEICHTFÄHIGKEIT WÄHLBAR.
 DA SPECIFICARE : ELETTIRICAMENTE CONTINUO O DISCONTINUO
 A PRECISER : ELECTRIQUEMENT CONDUCTEUR OU NON-CONDUCTEUR

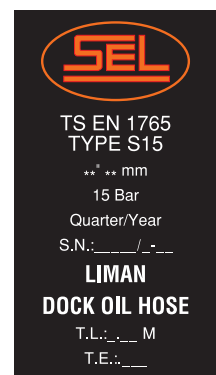
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE

NOTES ON ORDERING
 A - Inside diameter
 B - Length (Overall Length)
 C - Working pressure
 D - Type ends or end fittings
 E - Applications (Much detail as possible)
 F - Working temperature

BEMERKUNGEN ZUM AUFTRAG
 A - Innendurchmesser
 B - Schlauchlänge F-F
 C - Betriebsdruck
 D - Flanschbezeichnung
 E - Einsatzbedingungen (Möglichst viele Information angeben)
 F - Betriebstemperatur

NOTE ORDINI
 A - Diametro interno
 B - Lunghezza (Flange Incluso)
 C - Pressione di lavoro
 D - Specificazioni per le flange
 E - Applicazione (Massimo dettagli possibile)
 F - Temperatura di lavoro

PRECISIONS NECESSAIRES
 A - Diametre interieur
 B - Longueur (Brides incluses)
 C - Pression de service
 D - Specifications des brides
 E - Applications (Plus de details possible)
 F - Temperature de travail



-30°C / + 82°C
 -50°F / +180°F

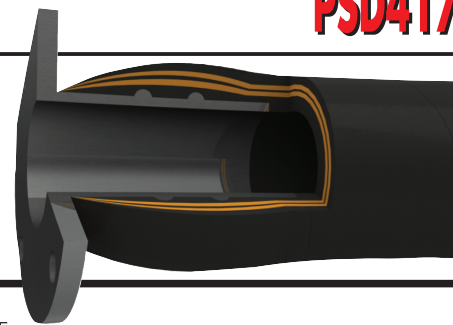
AROMATIC CONTENT: ≤ % 50

| | | | |
|------------------------------------|----------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 1765 S15 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------------|---------------------------------------|--|



Built-In Flanges Petroleum S&D Hose For Tankers & Bunkering

EN 1765 Type S15



TUBE : OIL AND PETROL RESISTANT NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : OIL, WEATHER, OZONE, ABRASION AND SEA WATER RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF PETROLEUM PRODUCTS WITH AROMATIC CONTENT UP TO 50% FROM SHIP TO SHIP OR FROM SHIP TO DOCK.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIGER NBR-GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, 2 STAHLDRAHTSPIRALEN UND ANTISTATISCHER KUPFERLITZE.
 DECKE : ABRIEFEST, ÖL-, MEERWASSER-, UND WITTERUNGSBESTÄNDIG, SPEZIELER SYNTHETIKGUMMI.
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR SCHIFFE MIT BENZIN, DIESEL, HEIZÖL UND MINERALÖLE MIT 50% AROMATENGEHALT, VULKANISIERT, SCHIFF ZU SCHIFF ODER SCHIFF ZU DOCK VERBINDUNG.



SOTTOSTRATO : GOMMA NBR, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON 2 SPIRALI D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA, RESISTENTE AGLI OLI, ALL'OZONO, ALL' ABRASION, AGLI AGENTI ATMOSFERICI ED ALL'ACQUA DI MARE.
 IMPIEGO : ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CONTENUTO AROMATICO FINO AL 50% DA NAVE A NAVE O DA NAVE AL BANCHINA.



TUBE : CAOUTCHOUC NBR, RESISTANT AUX HUILES ET HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE, AUX HUILES, A L'EAU DE MER ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DES PRODUITS PETROLIERS AVEC TENEUR EN AROMATIQUES JUSQU'A 50% DE NAVIRE A NAVIRE OU ENTRE LE NAVIRE ET LE QUAI.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|------|-------|-----|-----|-------|-----|-----|-------|--------|-------|--------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 2" | 50.8 | 74 | 15 | 217,5 | 60 | 870 | -0.92 | 200 | 3900 | 6 ~ 40 | |
| 3" | 76.2 | 104 | 15 | 217,5 | 60 | 870 | -0.92 | 400 | 6150 | 6 ~ 40 | |
| 4" | 101.6 | 134 | 15 | 217,5 | 60 | 870 | -0.92 | 500 | 9350 | 6 ~ 40 | |
| 5" | 127 | 162 | 15 | 217,5 | 60 | 870 | -0.92 | 650 | 13750 | 6 ~ 40 | |
| 6" | 152.4 | 190 | 15 | 217,5 | 60 | 870 | -0.92 | 750 | 17450 | 6 ~ 40 | |
| 8" | 203 | 245 | 15 | 217,5 | 60 | 870 | -0.92 | 950 | 25000 | 6 ~ 12 | |
| 10" | 254 | 303 | 15 | 217,5 | 60 | 870 | -0.92 | 1200 | 38250 | 6 ~ 12 | |
| 12" | 305.8 | 362 | 15 | 217,5 | 60 | 870 | -0.92 | 1500 | 50750 | 6 ~ 12 | |
| 14" | 355.6 | 416 | 15 | 217,5 | 60 | 870 | -0.92 | 2150 | 65225 | 6 ~ 12 | |
| 16" | 406 | 479 | 15 | 217,5 | 60 | 870 | -0.92 | 2800 | 82250 | 6 ~ 12 | |

TO BE SPECIFIED : ELECTRICALLY CONTINUOUS OR DISCONTINUOUS
 SPEZIFIZIET : ZWISCHEN VOLL- UND TEILLEICHTFÄHIGKEIT WÄHLBAR.
 DA SPECIFICARE : ELETTIRICAMENTE CONTINUO O DISCONTINUO
 A PRECISER : ELECTRIQUEMENT CONDUCTEUR OU NON-CONDUCTEUR

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE

NOTES ON ORDERING
 A- Inside diameter
 B- Length (Overall Length)
 C- Working pressure
 D- Type ends or end fittings
 E- Applications (Much detail as possible)
 F- Working temperature

BEMERKUNGEN ZUM AUFTRAG
 A- Innendurchmesser
 B- Schlauchlänge F-F
 C- Betriebsdruck
 D- Flanschbezeichnung
 E- Einsatzbedingungen (Möglichst viele Information angeben)
 F- Betriebstemperatur

NOTE ORDINI
 A- Diametro interno
 B- Lunghezza (Flange Incluso)
 C- Pressione di lavoro
 D- Specificazioni per le flange
 E- Applicazione (Massimo dettagli possibile)
 F- Temperatura di lavoro

PRECISIONS NECESSAIRES
 A- Diametre interieur
 B- Longueur (Brides incluses)
 C- Pression de service
 D- Specifications des brides
 E- Applications (Plus de details possible)
 F- Temperature de travail

TS EN 1765
 TYPE S15
 ** ** mm
 15 Bar
 Quarter/Year
 S.N.: ____ / ____
LIMAN
DOCK OIL HOSE
 T.L.: ____ M
 T.E.: ____

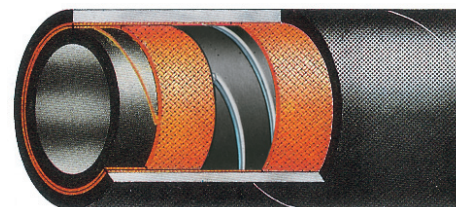



-30°C / + 82°C
 -50°F / +180°F

AROMATIC CONTENT: ≤ % 50


| | | | |
|------------------------------------|----------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 1765 S15 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------------|---------------------------------------|--|


Asphalt S&D



 TUBE : HEAT RESISTANT, SPECIAL SYNTHETIC ACRYLIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, HEAT, WEATHER, OIL AND ASPHALT RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF TAR AND HOT ASPHALT ON TANK TRUCKS & TANK CARS ETC. IN ROAD CONSTRUCTIONS UP TO 180 °C.

 SEELE : HITZEBESTÄNDIGER, SPEZIELLER SYNTHETIC ACRYLIC-GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, 2 STAHLDRAHTSPIRALEN UND ANTISTATISCHER KUPFERLITZE.
 DECKE : ABRIEBFEST, HITZE-, OZON-, WITTERUNGSBESTÄNDIGER SPEZIELLER GUMMI, BESTÄNDIG GEGEN ÖLE UND ASPHALT.
 ANWENDUNG : SAUG UND DRUCKSCHLAUCH FÜR FAHRZEUGE MIT HEISSEM TEER UND ASPHALT BEI TEMPERATUREN VON BIS ZU 180°C.

 SOTTOSTRATO : GOMMA SPECIALE SINTETICA ACRILICA RESISTENTE AL CALORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON 2 SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA CON OTTIMA RESISTENZA AL BITUME CALDO ALL' ABRASIONE, OLII, ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER IL CARICO E LO SCARICO DI BITUME CALDO FINO A 180 °C NEI CAMION, NEI VAGONI CISTERNA ETC. NELLE COSTRUZIONI STRADALI.

 TUBE : CAOUTCHOUC ACRYLIQUE SYNTHETIQUE SPECIAL RESISTANT A LA CHALEUR.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A LA CHALEUR, BITUME CHAUD ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE GOUDRON ET BITUME CHAUD JUSQU'A 180 °C. POUR LA FABRICATION DES ROUTES.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-------|--------|-------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 1" | 25.4 | 43 | 18 | 261 | 54 | 783 | -0.92 | 115 | 1238 | 40-46-61 | |
| 1 1/4" | 32 | 50 | 18 | 261 | 54 | 783 | -0.92 | 150 | 1496 | 40-46-61 | |
| 1 1/2" | 38 | 56 | 18 | 261 | 54 | 783 | -0.92 | 180 | 1830 | 40-46-61 | |
| 1 3/4" | 44.5 | 64 | 18 | 261 | 54 | 783 | -0.92 | 220 | 2344 | 40-46-61 | |
| 2" | 50.8 | 71 | 18 | 261 | 54 | 783 | -0.92 | 250 | 2776 | 40-46-61 | |
| 2 1/2" | 63.5 | 83 | 10 | 145 | 30 | 435 | -0.92 | 320 | 3129 | 40-46-61 | |
| 3" | 76.2 | 97 | 10 | 145 | 30 | 435 | -0.92 | 400 | 4107 | 40-46-61 | |
| 4" | 101.6 | 126 | 10 | 145 | 30 | 435 | -0.92 | 520 | 6168 | 40-46-61 | |
| 5" | 127 | 153 | 10 | 145 | 30 | 435 | -0.92 | 680 | 8152 | 40-46-61 | |
| 6" | 152.4 | 179 | 10 | 145 | 30 | 435 | -0.92 | 850 | 10229 | 40-46-61 | |

* THE HOSE MUST BE PROPERLY DRAINED AND CLEANED FROM THE TAR AFTER BEING USED.
 * DER SCHLAUCH MUSS NACH JEDEM GEBRAUCH VOM TEER BEFREIT UND GESAEUBERT WERDEN
 * I TUBI VANNO DRENATI E OPPORTUNAMENTE PULITI DAL BITUME UNA VOLTA TERMINATA L'OPERAZIONE
 * LE TUYAU DOIT ETRE BIEN VIDE ET NETTOYE DE BITUME APRES UTILISATION



-40°C /+180°C
 -40°F /+ 356°F

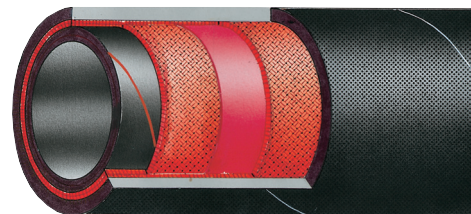
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL ASPHALT ASPHALT S/D HOSE - W.P. * BAR (**** PSI) 180 °C**

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|--|

Aircraft Refueling

EN 1361 Type B



TUBE : AVIATION GASOLINES AND JET FUELS RESISTANT, CONDUCTIVE NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND 2 ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE, WEATHER, HEAT AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR THE GROUND REFUELLING OF AIRCRAFTS HAVING AN AROMATIC CONTENT UP TO 30 %.



SEELE : FLUGZEUG- UND JETKRAFTSTOFFBESTÄNDIG, ISOLIEREND, NBR GUMMI, SCHWARZ.
 EINLAGE : HOCHZUGSFESTE SYNTETISCHE TEXTILEINLAGE UND 2 ANTISTATISCHER KUPFERLITZE ZUR BESSEREN LEITFÄHIGKEIT.
 DECKE : ABRIEFEST, OZON-, WETTER-, HITZE- UND ÖLBESTÄNDIG, SPEZIELLER SYNTHETIKGUMMI.
 ANWENDUNG : ZUR FLUGZEUGBETÄNKUNG AM BODEN, MIT 30% MAX. AROMATENANTEIL.



SOTTOSTRATO : GOMMA NBR CONDUTTIVA, RESISTENTE AGLI OLI ED AI CARBURANTI DEGLI AEREI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E 2 CORDICELLE DI RAME ANTISTATICHE.
 COPERTURA : GOMMA SPECIALE SINTETICA RESISTENTE AGLI OLI MINERALI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER RIFORNIMENTO A TERRA D'AEREI CON OLI E CARBURANTI CON CONTENUTO AROMATICO FINO AL 30%.



TUBE : CAOUTCHOUC NBR CONDUCTEUR, RESISTANT AUX CARBURANTS AERONAUTIQUES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET 2 FILS DE MASSE ANTISTATIQUES.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT AUX HUILES, A L'OZONE, A LA CHALEUR ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR L'AVITAILLEMENT AU SOL DES AERONEFS DE CARBURANT AVEC TENEUR EN AROMATIQUES JUSQU'A 30%.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|------|-----|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m | |
| 3/4" | 19 | 29 | 20 | 290 | 80 | 1160 | 113 | 522 | 40-46-61 | |
| 1" | 25.4 | 38 | 20 | 290 | 80 | 1160 | 150 | 842 | 40-46-61 | |
| 1 1/4" | 32 | 45 | 20 | 290 | 80 | 1160 | 190 | 1003 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 20 | 290 | 80 | 1160 | 225 | 1162 | 40-46-61 | |
| 2" | 50.8 | 65 | 20 | 290 | 80 | 1160 | 275 | 1699 | 40-46-61 | |
| 2 1/2" | 63.5 | 79 | 20 | 290 | 80 | 1160 | 300 | 2063 | 40-46-61 | |
| 3" | 76.2 | 92 | 20 | 290 | 80 | 1160 | 300 | 2562 | 40-46-61 | |
| 4" | 101.6 | 120 | 20 | 290 | 80 | 1160 | 450 | 3734 | 40-46-61 | |



-30°C / + 65°C
 -22°F / +149°F



MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL AERO - B AIRCRAFT REFUELING HOSE - TS EN 1361 TYPE B - M - W.P. 20 BAR (290 PSI)

NORMS
 NORMEN
 NORME
 NORMES

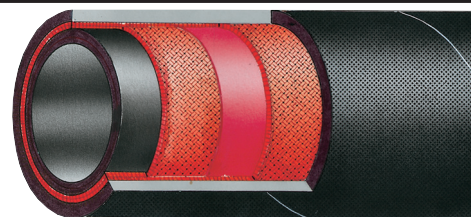
EN ISO 1825 TYPE-B
 TS EN 1361 TYPE - B
 TS EN ISO 1825 TYPE-B

COLOUR
 FARBEN
 COLORI
 COULEUR



Aircraft Refueling

EN 1361 Type C



TUBE : AVIATION GASOLINES AND JET FUELS RESISTANT, CONDUCTIVE NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE BRAID.
 COVER : ABRASION, OZONE, WEATHER, HEAT AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR THE GROUND REFUELLING OF AIRCRAFTS HAVING AN AROMATIC CONTENT UP TO 30 %.



SEELE : FLUGZEUG- UND JETKRAFTSTOFFBESTÄNDIG, ISOLIEREND, NBR GUMMI, SCHWARZ.
 EINLAGE : HOCHZUGSFESTE SYNTETISCHE TEXTILEINLAGE.
 DECKE : ABRIEFEST, OZON-, WETTER-, HITZE- UND ÖLBESTÄNDIG, SPEZIELLER SYNTHETIKGUMMI.
 ANWENDUNG : ZUR BETANKUNG VON FLUGZEUGEN, MIT 30% MAX. AROMATENANTEIL.



SOTTOSTRATO : GOMMA NBR CONDUTTIVA, RESISTENTE AGLI OLI ED AI CARBURANTI DEGLI AEREI.
 RINFORZO : TRECCIA TESSILE AD ALTA TENACITÀ .
 COPERTURA : GOMMA SPECIALE SINTETICA NERA RESISTENTE AGLI OLI MINERALI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER RIFORNIMENTO A TERRA D'AEREI CON OLI E CARBURANTI CON CONTENUTO AROMATICO FINO AL 30%.



TUBE : CAOUTCHOUC NBR CONDUCTEUR, RESISTANT AUX CARBURANTS AERONAUTIQUES.
 RENFORCEMENT : TRESSE TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT AUX HUILES, A L'ABRASION, A L'OZONE, A LA CHALEUR ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR L'AVITAILLEMENT AU SOL DES AERONEFS DE CARBURANT AVEC TENEUR EN AROMATIQUES JUSQU'A 30%.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|------|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 3/4" | 19 | 29 | 20 | 290 | 80 | 1160 | 113 | 522 | 40-46-61 |
| 1" | 25.4 | 38 | 20 | 290 | 80 | 1160 | 150 | 840 | 40-46-61 |
| 1 1/4" | 32 | 45 | 20 | 290 | 80 | 1160 | 190 | 1000 | 40-46-61 |
| 1 1/2" | 38 | 51 | 20 | 290 | 80 | 1160 | 225 | 1155 | 40-46-61 |
| 2" | 50.8 | 65 | 20 | 290 | 80 | 1160 | 275 | 1710 | 40-46-61 |
| 2 1/2" | 63.5 | 79 | 20 | 290 | 80 | 1160 | 300 | 2070 | 40-46-61 |
| 3" | 76.2 | 92 | 20 | 290 | 80 | 1160 | 300 | 2580 | 40-46-61 |
| 4" | 101.6 | 120 | 20 | 290 | 80 | 1160 | 450 | 3760 | 40-46-61 |



-30°C /+ 65°C
 -22°F /+149°F



MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

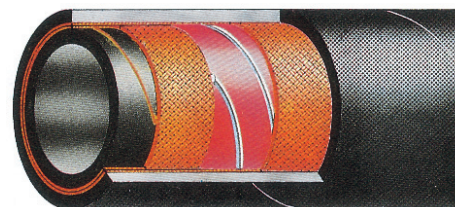
SEL AERO - C AIRCRAFT REFUELING HOSE - TS EN 1361 TYPE C - Ø - W.P. 20 BAR (290 PSI)

| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | EN ISO 1825 TYPE - C TS EN 1361 TYPE - C TS EN ISO 1825 TYPE - C | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|



Aircraft Refueling S&D

EN 1361 Type E



TUBE : AVIATION GASOLINES AND JET FUELS RESISTANT, CONDUCTIVE NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND 2 ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE, WEATHER, HEAT AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR THE GROUND REFUELLING AND FUEL DISCHARGING OF AIRCRAFTS HAVING AN AROMATIC CONTENT UP TO 30 %.



SEELE : LUGZEUG- UND JETKRAFTSTOFFBESTÄNDIG, ISOLIEREND, NBR GUMMI, SCHWARZ.
 EINLAGE : HOCHZUGSFESTE SYNTETISCHE TEXTILEINLAGE, 2 STAHLDRAHTSPIRALEN UND 2 ANTISTATISCHER KUPFERLITZEN ZUR BESSEREN LEITFÄHIGKEIT.
 DECKE : ABRIEBFEST, OZON-, WETTER-, HITZE- UND ÖLBESTÄNDIG, SPEZIELLER SYNTHETIKGUMMI.
 ANWENDUNG : ZUR BE- UND ENTTANKUNG VON FLUGZEUGEN, MIT 30% MAX. AROMATENANTEIL.



SOTTOSTRATO : GOMMA NBR CONDUTTIVA, RESISTENTE AGLI OLI ED AI CARBURANTI DEGLI AEREI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON 2 SPIRALI D'ACCIAIO E 2 CORDICELLE DI RAME ANTISTATICHE.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA RESISTENTE AGLI OLI MINERALI, ALL'OZONO, ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER RIFORNIMENTO A TERRA D'AEREI CON OLI E CARBURANTI CON CONTENUTO AROMATICO FINO AL 30%.



TUBE : CAOUTCHOUC NBR CONDUCTEUR, RESISTANT AUX CARBURANTS AERONAUTIQUES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET 2 FILS DE MASSE ANTISTATIQUES.
 REVETEMENT : CAOUTCHOUC SYNTHETIC SPECIAL, RESISTANT AUX HUILES, A L'ABRASION, A L'OZONO, A LA CHALEUR ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR L'AVITAILLEMENT AU SOL DES AERONEFS DE CARBURANT ET REFOULEMENT DES AVIONS AVEC TENEUR EN AROMATIQUES JUSQU'A 30%.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|----|-----|-----|------|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 31 | 20 | 290 | 80 | 1160 | -0.92 | 113 | 686 | 40-46-61 | |
| 1" | 25.4 | 39 | 20 | 290 | 80 | 1160 | -0.92 | 150 | 972 | 40-46-61 | |
| 1 1/4" | 32 | 46 | 20 | 290 | 80 | 1160 | -0.92 | 190 | 1218 | 40-46-61 | |
| 1 1/2" | 38 | 53 | 20 | 290 | 80 | 1160 | -0.92 | 225 | 1592 | 40-46-61 | |
| 2" | 50.8 | 67 | 20 | 290 | 80 | 1160 | -0.92 | 275 | 2320 | 40-46-61 | |
| 2 1/2" | 63.5 | 81 | 20 | 290 | 80 | 1160 | -0.92 | 300 | 2860 | 40-46-61 | |
| 3" | 76.2 | 95 | 20 | 290 | 80 | 1160 | -0.92 | 300 | 3701 | 40-46-61 | |
| 4" | 101.6 | 123 | 20 | 290 | 80 | 1160 | -0.92 | 450 | 5166 | 40-46-61 | |



-30°C / + 65°C
 -22°F / +149°F



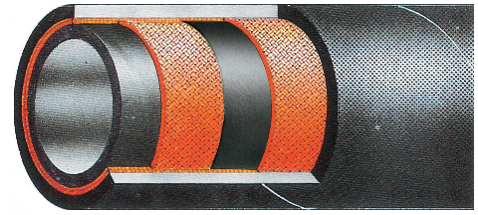
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL AERO - E AIRCRAFT REFUELING HOSE - TS EN 1361 TYPE E - M - W.P. 20 BAR (290 PSI)

| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | EN ISO 1825 TYPE - E TS EN 1361 TYPE - E TS EN ISO 1825 TYPE - E | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|

LPG Discharge-Ω

EN 1762



TUBE : LPG RESISTANT, CONDUCTIVE BLACK NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : OZONE, WEATHER, HEAT, FLAME AND OIL RESISTANT, SPECIAL PIN-PRICKED SYNTHETIC RUBBER.
 APPLICATION : FOR DELIVERY OF LPG.



SEELE : LPG-BESTÄNDIG, NITRIL-GUMMI SCHWARZ, ISOLIEREND.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEBFEST, OZON-, WETTER-, HITZE- UND ÖLBESTÄNDIG, FLAMMWIDRIGER, GEPRICKTER, SPEZIELLER SYNTHETIKGUMMI.
 ANWENDUNG : LPG FÜLLSYSTEME.



SOTTOSTRATO : GOMMA NBR NERA CONDUTTIVA, RESISTENTE AL GPL.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA MICRO-FORATA, RESISTENTE AGLI OLI, ALLA FIAMMA, ALL'OZONO, ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI GPL.



TUBE : CAOUTCHOUC NBR, CONDUCTEUR, RESISTANT AU GPL.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, MICRO-PERFORE, RESISTANT AUX HUILES, A L'OZONE, A LA CHALEUR, A LA FLAMME ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE GPL.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|-------|-----|----|-----|-----|------|-----|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 23 | 25 | 363 | 100 | 1450 | 100 | 392 | 40-46-61 | |
| 5/8" | 16 | 26 | 25 | 363 | 100 | 1450 | 125 | 466 | 40-46-61 | |
| 3/4" | 19 | 31 | 25 | 363 | 100 | 1450 | 160 | 630 | 40-46-61 | |
| 1" | 25.4 | 38 | 25 | 363 | 100 | 1450 | 200 | 835 | 40-46-61 | |
| 1 1/4" | 32 | 45 | 25 | 363 | 100 | 1450 | 250 | 1051 | 40-46-61 | |
| 1 1/2" | 38 | 52 | 25 | 363 | 100 | 1450 | 320 | 1210 | 40-46-61 | |
| 2" | 50.8 | 67 | 25 | 363 | 100 | 1450 | 400 | 1832 | 40-46-61 | |
| 2 1/2" | 63.5 | 81 | 25 | 363 | 100 | 1450 | 550 | 2502 | 40-46-61 | |
| 3" | 76.2 | 94 | 25 | 363 | 100 | 1450 | 650 | 3020 | 40-46-61 | |
| 4" | 101.6 | 120 | 25 | 363 | 100 | 1450 | 800 | 3865 | 40-46-61 | |



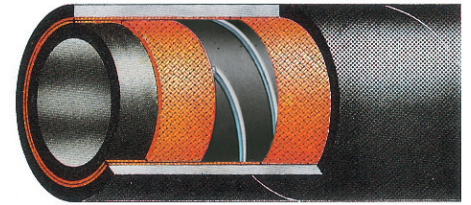
CODE 278 : TYPE D: -30°C /+70°C (-22°F / + 158°F)
 CODE 27D : TYPE D-LT: -50°C /+70°C (-58°F / + 158°F)

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

| | | | |
|-------------------------|---|--|--|
| SEL LPG / D | LPG HOSE - TS EN 1762 TYPE D - Ω W.P. 25 Bar (363 PSI) | | |
| SEL LPG / D - LT | LPG HOSE - TS EN 1762 TYPE D - LT - Ω W.P. 25 Bar (363 PSI) | | |

| | | | |
|------------------------------------|---|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 1762 TYPE - D TS EN 1762 TYPE - D - LT | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|---|---------------------------------------|--|

LPG S&D - Ω



EN 1762



TUBE : LPG RESISTANT, CONDUCTIVE, BLACK NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STAINLESS STEEL WIRE HELIX.
 COVER : OZONE, WEATHER, HEAT, FLAME AND OIL RESISTANT, SPECIAL PIN-PRICKED SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DELIVERY OF LPG.



SEELE : LPG-BESTÄNDIG, NITRIL-GUMMI SCHWARZ, ISOLIEREND.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ROSTFREIEM STAHLDRAHT.
 DECKE : ABRIEBFEST, OZON-, WETTER-, HITZE- UND ÖLBESTÄNDIG, FLAMMWIDRIGER, GEPRICKTER, SPEZIELLER SYNTHETIKGUMMI.
 ANWENDUNG : LPG FÜLLSYSTEME, S&D.



SOTTOSTRATO : GOMMA NBR NERA CONDUTTIVA, RESISTENTE AL GPL.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO INOX.
 COPERTURA : GOMMA SPECIALE SINTETICA NERA MICRO-FORATA, RESISTENTE AGLI OLI, ALLA FIAMMA, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI GPL.



TUBE : CAOUTCHOUC NBR, CONDUCTEUR, RESISTANT AU GPL.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER INOX.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, MICROPERFORE, RESISTANT AUX HUILES, A L'OZONE, A LA CHALEUR, A LA FLAMME ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE GPL.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|----|-----|-----|------|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 1/2" | 12.7 | 23 | 25 | 363 | 100 | 1450 | -0.80 | 90 | 441 | 40-46-61 | |
| 5/8" | 16 | 26 | 25 | 363 | 100 | 1450 | -0.80 | 95 | 519 | 40-46-61 | |
| 3/4" | 19 | 31 | 25 | 363 | 100 | 1450 | -0.80 | 100 | 681 | 40-46-61 | |
| 1" | 25.4 | 38 | 25 | 363 | 100 | 1450 | -0.80 | 150 | 902 | 40-46-61 | |
| 1 1/4" | 32 | 45 | 25 | 363 | 100 | 1450 | -0.80 | 200 | 1174 | 40-46-61 | |
| 1 1/2" | 38 | 52 | 25 | 363 | 100 | 1450 | -0.80 | 280 | 1504 | 40-46-61 | |
| 2" | 50.8 | 67 | 25 | 363 | 100 | 1450 | -0.80 | 350 | 2196 | 40-46-61 | |
| 2 1/2" | 63.5 | 81 | 25 | 363 | 100 | 1450 | -0.80 | 480 | 2909 | 40-46-61 | |
| 3" | 76.2 | 94 | 25 | 363 | 100 | 1450 | -0.80 | 550 | 3577 | 40-46-61 | |
| 4" | 101.6 | 120 | 25 | 363 | 100 | 1450 | -0.80 | 720 | 4557 | 40-46-61 | |



CODE 279 : TYPE SD: -30°C /+ 70°C (-22°F / + 158°F)
 CODE 27S : TYPE SD-LTS: -50°C /+70°C (-58°F / + 158°F)

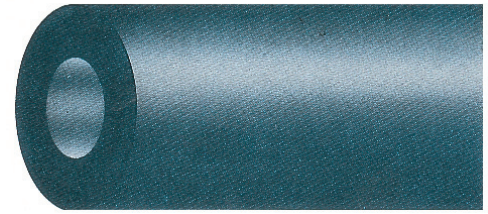


MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

| | | | | |
|--|-----------------------|---|--|--|
| | LPG / SD | LPG HOSE - TS EN 1762 TYPE SD - Ω W.P. 25 BAR (363 PSI) | | |
| | LPG / SD - LTS | LPG HOSE - TS EN 1762 TYPE SD - LTS - Ω W.P. 25 BAR (363 PSI) | | |

| | | | |
|------------------------------------|--|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 1762 TYPE : SD TS EN 1762 TYPE : SD - LTS | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--|---------------------------------------|--|

Oil Nitrile Tube



TUBE : OIL AND FUEL RESISTANT NITRILE RUBBER.
APPLICATION : OIL DISCHARGE SERVICES.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIGER NITRIL-GUMMI.
ANWENDUNG : ÖL-UND KRAFTSTOFFRÜCKLAUFSCHLAUCH.



SOTTOSTRATO : GOMMA NITRILICA NERA, RESISTENTE AGLI OLI ED AL GASOLIO.
IMPIEGO : MANDATA DI GASOLIO E DI BENZINA.



TUBE : CAOUTCHOUC NITRILE RESISTANT AUX HUILES ET HYDROCARBURES.
APPLICATION : POUR REFOULEMENT DES HYDROCARBURES.

| ID | | OD | WP | | BP | | BR/r | W | L |
|------|-----|-----|-----|-----|-----|-----|------|-----|-----|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| - | 3.2 | 6 | - | - | - | - | - | 30 | >10 |
| - | 3.5 | 6.5 | - | - | - | - | - | 35 | >10 |
| - | 4 | 7 | - | - | - | - | - | 40 | >10 |
| - | 4.5 | 8 | - | - | - | - | - | 50 | >10 |
| - | 5 | 9 | - | - | - | - | - | 65 | >10 |
| - | 5.5 | 9.5 | - | - | - | - | - | 70 | >10 |
| - | 6 | 10 | - | - | - | - | - | 75 | >10 |
| - | 7 | 11 | - | - | - | - | - | 80 | >10 |
| - | 7.5 | 11 | - | - | - | - | - | 75 | >10 |
| - | 8 | 12 | - | - | - | - | - | 90 | >10 |
| - | 10 | 14 | - | - | - | - | - | 110 | >10 |
| - | 12 | 18 | - | - | - | - | - | 205 | >10 |
| - | 16 | 22 | - | - | - | - | - | 260 | >10 |
| - | 19 | 26 | - | - | - | - | - | 360 | >10 |



-35°C / + 70°C
-31°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL OIL TUBE ONT020 I.D. (mm) x O.D. (mm) (YEAR)



NORMS
NORMEN
NORME
NORMES

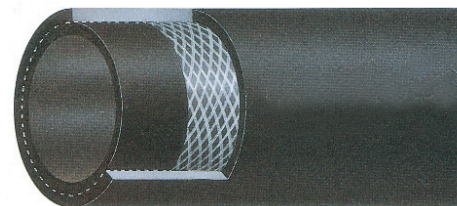
ISO 1307

COLOUR
FARBEN
COLORI
COULEUR



Textile Reinforced Oil

10 NL - 20 NL



TUBE : FUEL AND OIL RESISTANT, SMOOTH NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, OZONE, WEATHER AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DELIVERY OF FUELS IN INTERNAL COMBUSTION ENGINES FOR LUBRIFICATION AND GREASING SERVICES.



SEELE : KRAFTSTOFF- UND ÖLBESTÄNDIG, ISOLIEREND, NBR, GLATT.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEBFEST, ÖL-, OZON- UND WITTERUNGSBESTÄNDIG, SPEZIELLER SYNTHETIK GUMMI.
 ANWENDUNG : KRAFTSTOFFSCHLAUCH FÜR KRAFTFAHRZEUGE UND FETTPUMPEN.



SOTTOSTRATO : GOMMA NBR LISCIA NERA, RESISTENTE AGLI OLI ED AI CARBURANTI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE LISCIA NERA, RESISTENTE AGLI OLI, AI CARBURANTI, ALL' ABRASIONE, ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI CARBURANTI NEI MOTORI A COMBUSTIONE INTERNA E PER LUBRIFICAZIONE ED INGRASSAGGIO NEI VARI SERVIZI.



TUBE : CAOUTCHOUC NBR LISSE, RESISTANT AUX HUILES ET HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE, AUX HUILES ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LE TRANSFER DE CARBURANT DANS LES MOTEURS A COMBUSTION INTERNE, POUR LA LUBRIFICATION ET LE GRAISSAGE.

| ID | | OD | | WP | | BP | | W | L |
|------|----|----|----|-----|-----|-----|-----|-----|---|
| inch | mm | mm | mm | bar | psi | bar | psi | g/m | m |

10 NL

| | | | | | | | | |
|-------|----|----|----|-----|----|-----|-----|--------|
| 1/4" | 6 | 12 | 10 | 145 | 30 | 435 | 115 | 10-100 |
| 5/16" | 8 | 14 | 10 | 145 | 30 | 435 | 145 | 10-100 |
| 3/8" | 10 | 16 | 10 | 145 | 30 | 435 | 170 | 10-100 |
| 1/2" | 13 | 20 | 10 | 145 | 30 | 435 | 265 | 10-100 |
| 5/8" | 16 | 24 | 10 | 145 | 30 | 435 | 350 | 10-100 |
| 3/4" | 19 | 27 | 10 | 145 | 30 | 435 | 400 | 10-100 |
| 1" | 25 | 35 | 10 | 145 | 30 | 435 | 655 | 10-100 |

20 NL

| | | | | | | | | |
|-------|----|------|----|-----|----|-----|-----|--------|
| 1/4" | 6 | 14 | 20 | 290 | 60 | 870 | 175 | 10-100 |
| 5/16" | 8 | 17 | 20 | 290 | 60 | 870 | 245 | 10-100 |
| 3/8" | 10 | 19 | 20 | 290 | 60 | 870 | 285 | 10-100 |
| 1/2" | 13 | 22.5 | 20 | 290 | 60 | 870 | 380 | 10-100 |
| 5/8" | 16 | 26 | 20 | 290 | 60 | 870 | 460 | 10-100 |
| 3/4" | 19 | 30 | 20 | 290 | 60 | 870 | 590 | 10-100 |
| 1" | 25 | 37 | 20 | 290 | 60 | 870 | 815 | 10-100 |



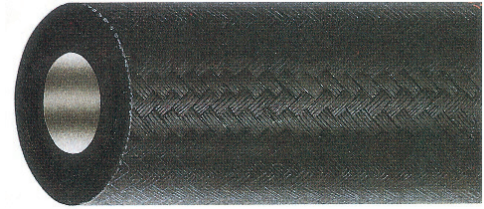
-35°C /+ 70°C
 -31°F /+ 158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL **TEXTOIL** OIL HOSE - W.P. *** Bar (**** PSI) (** mm)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Oil



DIN 73379 Type B



TUBE : OIL AND FUEL RESISTANT NBR RUBBER.
COVER : TEXTILE BRAID.
APPLICATION : FOR DELIVERY OIL, FUEL OIL, GASOLINE ETC.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, ISOLIEREND, NBR, SCHWARZ.
DECKE : TEXTILGEFLECHT.
ANWENDUNG : ZUR FÖRDERUNG VON ÖL UND KRAFTSTOFFEN IM KFZ-BEREICH.



SOTTOSTRATO : GOMMA SINTETICA NERA NBR, RESISTENTE ALL' OLIO ED AL GASOLIO.
COPERTURA : TRECCIA TESSILE.
IMPIEGO : MANDATA D'OLIO, BENZINA E DI GASOLIO.



TUBE : CAOUTCHOUC NBR, RESISTANT AUX HUILES ET AUX HYDROCARBURES.
REVETEMENT : TRESSE TEXTILE.
APPLICATION : POUR REFOULEMENT DES HUILES ET DES HYDROCARBURES.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|------|------|------|----|-----|-----|-----|-----|------|-----|---|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| - | 3.2 | 7 | 10 | 145 | 30 | 435 | 40 | 38 | +10 | |
| - | 3.5 | 7.5 | 10 | 145 | 30 | 435 | 45 | 43 | +10 | |
| - | 4 | 8 | 10 | 145 | 30 | 435 | 45 | 46 | +10 | |
| - | 4 | 9 | 10 | 145 | 30 | 435 | 45 | 62 | +10 | |
| - | 4.5 | 9.5 | 10 | 145 | 30 | 435 | 50 | 70 | +10 | |
| - | 5 | 9 | 10 | 145 | 30 | 435 | 55 | 55 | +10 | |
| - | 5 | 10 | 10 | 145 | 30 | 435 | 55 | 76 | +10 | |
| - | 5.5 | 10.5 | 10 | 145 | 30 | 435 | 60 | 80 | +10 | |
| - | 6 | 11 | 10 | 145 | 30 | 435 | 60 | 90 | +10 | |
| - | 6 | 12 | 10 | 145 | 30 | 435 | 60 | 113 | +10 | |
| - | 6.5 | 11 | 10 | 145 | 30 | 435 | 60 | 81 | +10 | |
| - | 7 | 12 | 10 | 145 | 30 | 435 | 60 | 97 | +10 | |
| - | 7.5 | 12.5 | 10 | 145 | 30 | 435 | 70 | 101 | +10 | |
| - | 7.5 | 14.5 | 10 | 145 | 30 | 435 | 70 | 163 | +10 | |
| - | 8 | 13 | 10 | 145 | 30 | 435 | 80 | 113 | +10 | |
| - | 8 | 15 | 10 | 145 | 30 | 435 | 80 | 170 | +10 | |
| - | 9 | 15 | 10 | 145 | 30 | 435 | 80 | 147 | +10 | |
| - | 9.5 | 14.5 | 10 | 145 | 30 | 435 | 80 | 125 | +10 | |
| - | 10 | 15 | 10 | 145 | 30 | 435 | 80 | 132 | +10 | |
| - | 10 | 16 | 10 | 145 | 30 | 435 | 80 | 162 | +10 | |
| - | 10 | 17 | 10 | 145 | 30 | 435 | 80 | 204 | +10 | |
| - | 11 | 16 | 10 | 145 | 30 | 435 | 80 | 145 | +10 | |
| - | 11 | 17.5 | 10 | 145 | 30 | 435 | 80 | 198 | +10 | |
| - | 11 | 19 | 10 | 145 | 30 | 435 | 80 | 257 | +10 | |
| - | 12 | 17 | 10 | 145 | 30 | 435 | 100 | 149 | +10 | |
| - | 12 | 18 | 10 | 145 | 30 | 435 | 100 | 191 | +10 | |
| - | 12.5 | 19 | 10 | 145 | 30 | 435 | 100 | 217 | +10 | |
| - | 13 | 18 | 10 | 145 | 30 | 435 | 100 | 163 | +10 | |
| - | 14 | 22 | 10 | 145 | 30 | 435 | 100 | 316 | +10 | |
| - | 15 | 20 | 10 | 145 | 30 | 435 | 100 | 185 | +10 | |
| - | 16 | 23 | 10 | 145 | 30 | 435 | - | 272 | +10 | |
| - | 18 | 26 | 10 | 145 | 30 | 435 | - | 388 | +10 | |
| - | 19 | 27 | 10 | 145 | 30 | 435 | - | 395 | +10 | |



-30°C /+ 90°C
-22°F /+194°F

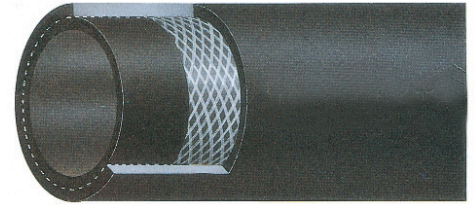
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL COTTON OIL-B DIN 73379 TYPE B - W.P. 10 Bar (145 PSI) (** mm)

| | | | |
|------------------------------------|------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | DIN 73379 TYPE B ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|------------------------------|---------------------------------------|--|



Oil



DIN 73379 Type 1A



TUBE : FUEL AND OIL RESISTANT, SMOOTH NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, FLAME, OZONE, WEATHER AND OIL RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DELIVERY OF FUELS IN INTERNAL COMBUSTION ENGINES FOR LUBRIFICATION AND GREASING SERVICES.



SEELE : KRAFTSTOFF- UND ÖLBESTÄNDIG, ISOLIEREND, NBR, GLATT.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEBFEST, ÖL-, OZON- UND WITTERUNGSBESTÄNDIG, SPEZIELLER SYNTHETIK GUMMI.
 ANWENDUNG : KRAFTSTOFFSCHLAUCH FÜR KRAFTFAHRZEUGE UND FETTPUMPEN.



SOTTOSTRATO : GOMMA NBR LISCIA NERA, RESISTENTE AGLI OLI ED AI CARBURANTI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA LISCIA NERA, RESISTENTE AGLI OLI, AI CARBURANTI, ALLA FIAMMA, ALL' ABRASIONE, ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI CARBURANTI NEI MOTORI A COMBUSTIONE INTERNA O PER LUBRIFICAZIONE ED INGRASSAGGIO NEI VARI SERVIZI.



TUBE : CAOUTCHOUC NBR LISSE, RESISTANT AUX HUILES ET HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A LA FLAMME, A L'OZONE, AUX HUILES ET AUX AGENTS ATMOSPERIQUES.
 APPLICATION : POUR LE TRANSFER DE CARBURANT DANS LES MOTEURS A COMBUSTION INTERNE, POUR LA LUBRIFICATION ET LE GRAISSAGE.

| ID | | OD | WP | | BP | | BR/r | W | L |
|------|------|------|-----|-----|-----|-----|------|-----|--------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| - | 3.5 | 9.5 | 10 | 145 | 30 | 435 | 45 | 85 | 10-100 |
| - | 4 | 10 | 10 | 145 | 30 | 435 | 45 | 90 | 10-100 |
| - | 4.5 | 10.5 | 10 | 145 | 30 | 435 | 50 | 95 | 10-100 |
| - | 4.5 | 11.5 | 10 | 145 | 30 | 435 | 50 | 120 | 10-100 |
| - | 5 | 11 | 10 | 145 | 30 | 435 | 55 | 100 | 10-100 |
| - | 5 | 12 | 10 | 145 | 30 | 435 | 55 | 125 | 10-100 |
| - | 5.5 | 11.5 | 10 | 145 | 30 | 435 | 60 | 110 | 10-100 |
| - | 6 | 12 | 10 | 145 | 30 | 435 | 60 | 115 | 10-100 |
| - | 7 | 12 | 10 | 145 | 30 | 435 | 60 | 100 | 10-100 |
| - | 7 | 13 | 10 | 145 | 30 | 435 | 60 | 130 | 10-100 |
| - | 7.3 | 13.3 | 10 | 145 | 30 | 435 | 70 | 130 | 10-100 |
| - | 7.3 | 14.3 | 10 | 145 | 30 | 435 | 70 | 160 | 10-100 |
| - | 7.5 | 13.5 | 10 | 145 | 30 | 435 | 70 | 135 | 10-100 |
| - | 8 | 14 | 10 | 145 | 30 | 435 | 80 | 140 | 10-100 |
| - | 8 | 15 | 10 | 145 | 30 | 435 | 80 | 170 | 10-100 |
| - | 9 | 15 | 10 | 145 | 30 | 435 | 80 | 155 | 10-100 |
| - | 9.5 | 15.3 | 10 | 145 | 30 | 435 | 80 | 155 | 10-100 |
| - | 10 | 16 | 10 | 145 | 30 | 435 | 80 | 165 | 10-100 |
| - | 10 | 17 | 10 | 145 | 30 | 435 | 80 | 200 | 10-100 |
| - | 11 | 17 | 10 | 145 | 30 | 435 | 80 | 180 | 10-100 |
| - | 11 | 18 | 10 | 145 | 30 | 435 | 80 | 215 | 10-100 |
| - | 11.5 | 18.5 | 10 | 145 | 30 | 435 | 80 | 225 | 10-100 |
| - | 12.5 | 20 | 10 | 145 | 30 | 435 | 100 | 260 | 10-100 |
| - | 14 | 22 | 10 | 145 | 30 | 435 | 100 | 310 | 10-100 |
| - | 16 | 24 | 10 | 145 | 30 | 435 | 110 | 340 | 10-100 |



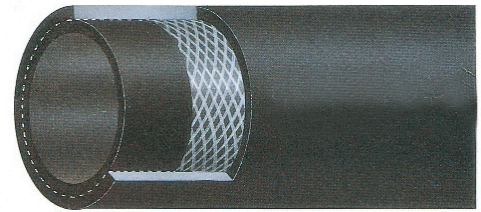
-30 °C / + 50 °C
 -22 °F / +122 °F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL OIL-1A DIN 73379 TYPE 1A - W.P. 10 Bar (145 PSI) (mm)**

| | | | |
|------------------------------------|-------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | DIN 73379 TYPE 1A ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|-------------------------------|---------------------------------------|--|

Oil



DIN 73379 Type 2A



TUBE : FUEL AND OIL RESISTANT, SMOOTH NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, FLAME, OZONE, WEATHER AND OIL RESISTANT SPECIAL CR RUBBER.
 APPLICATION : FOR DELIVERY OF FUELS IN INTERNAL COMBUSTION ENGINES FOR LUBRIFICATION AND GREASING SERVICES.



SEELE : KRAFTSTOFF- UND ÖLBESTÄNDIG, ISOLIEREND, NBR, GLATT.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEBFEST, ÖL-, OZON- UND WITTERUNGSBESTÄNDIG, SPEZIELLER CR GUMMI.
 ANWENDUNG : KRAFTSTOFFSCHLAUCH FÜR KRAFTFAHRZEUGE UND FETTPUMPEN.



SOTTOSTRATO : GOMMA NBR LISCIA NERA, RESISTENTE AGLI OLI ED AI CARBURANTI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE CR LISCIA NERA, RESISTENTE AGLI OLI, AI CARBURANTI, ALLA FIAMMA, ALL' ABRASIONE, ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI CARBURANTI NEI MOTORI A COMBUSTIONE INTERNA O PER LUBRIFICAZIONE ED INGRASSAGGIO NEI VARI SERVIZI.



TUBE : CAOUTCHOUC NBR LISSE, RESISTANT AUX HUILES ET HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SPECIAL CR, RESISTANT A L'ABRASION, A LA FLAMME, A L'OZONE, AUX HUILES ET AUX AGENTS ATMOSPERIQUES.
 APPLICATION : POUR LE TRANSFER DE CARBURANT DANS LES MOTEURS A COMBUSTION INTERNE, POUR LA LUBRIFICATION ET LE GRAISSAGE.

| ID | | OD | | WP | | BP | | BR/r | | W | | L | |
|------|------|------|----|-----|-----|-----|-----|------|-----|---|--------|---|--|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | | | m | |
| - | 3.5 | 9.5 | 10 | 145 | 30 | 435 | 45 | 85 | | | 10-100 | | |
| - | 4 | 10 | 10 | 145 | 30 | 435 | 45 | 90 | | | 10-100 | | |
| - | 4.5 | 10.5 | 10 | 145 | 30 | 435 | 50 | 100 | | | 10-100 | | |
| - | 4.5 | 11.5 | 10 | 145 | 30 | 435 | 50 | 120 | | | 10-100 | | |
| - | 5 | 11 | 10 | 145 | 30 | 435 | 55 | 105 | | | 10-100 | | |
| - | 5 | 12 | 10 | 145 | 30 | 435 | 55 | 130 | | | 10-100 | | |
| - | 5.5 | 11.5 | 10 | 145 | 30 | 435 | 60 | 110 | | | 10-100 | | |
| - | 6 | 12 | 10 | 145 | 30 | 435 | 60 | 115 | | | 10-100 | | |
| - | 7 | 12 | 10 | 145 | 30 | 435 | 60 | 105 | | | 10-100 | | |
| - | 7 | 13 | 10 | 145 | 30 | 435 | 60 | 130 | | | 10-100 | | |
| - | 7.3 | 13.3 | 10 | 145 | 30 | 435 | 70 | 135 | | | 10-100 | | |
| - | 7.3 | 14.3 | 10 | 145 | 30 | 435 | 70 | 165 | | | 10-100 | | |
| - | 7.5 | 13.5 | 10 | 145 | 30 | 435 | 70 | 135 | | | 10-100 | | |
| - | 8 | 14 | 10 | 145 | 30 | 435 | 80 | 145 | | | 10-100 | | |
| - | 8 | 15 | 10 | 145 | 30 | 435 | 80 | 175 | | | 10-100 | | |
| - | 9 | 15 | 10 | 145 | 30 | 435 | 80 | 155 | | | 10-100 | | |
| - | 9.5 | 15.3 | 10 | 145 | 30 | 435 | 80 | 155 | | | 10-100 | | |
| - | 10 | 16 | 10 | 145 | 30 | 435 | 80 | 170 | | | 10-100 | | |
| - | 10 | 17 | 10 | 145 | 30 | 435 | 80 | 205 | | | 10-100 | | |
| - | 11 | 17 | 10 | 145 | 30 | 435 | 80 | 185 | | | 10-100 | | |
| - | 11 | 18 | 10 | 145 | 30 | 435 | 80 | 220 | | | 10-100 | | |
| - | 11.5 | 18.5 | 10 | 145 | 30 | 435 | 80 | 230 | | | 10-100 | | |
| - | 12.5 | 20 | 10 | 145 | 30 | 435 | 100 | 265 | | | 10-100 | | |
| - | 14 | 22 | 10 | 145 | 30 | 435 | 100 | 315 | | | 10-100 | | |
| - | 16 | 24 | 10 | 145 | 30 | 435 | 110 | 350 | | | 10-100 | | |



-30°C /+ 90°C
 -22°F /+194°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

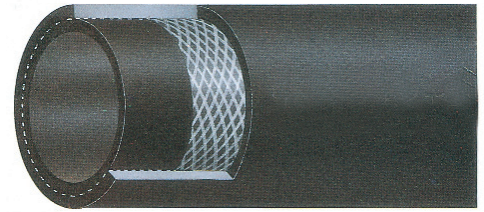
SEL OIL-2A **DIN 73379 TYPE 2A - W.P. 10 Bar (145 PSI) (** mm)**

| | | | |
|------------------------------------|-------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | DIN 73379 TYPE 2A ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|-------------------------------|---------------------------------------|--|



Oil

DIN 73379 Type 2B



TUBE : FUEL AND OIL RESISTANT, SMOOTH NBR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, FLAME, OZONE, WEATHER AND OIL RESISTANT SPECIAL CSM RUBBER.
 APPLICATION : FOR DELIVERY OF FUELS IN INTERNAL COMBUSTION ENGINES FOR LUBRIFICATION AND GREASING SERVICES.



SEELE : KRAFTSTOFF- UND ÖLBESTÄNDIG, ISOLIEREND, NBR, GLATT.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEBFEST, ÖL-, OZON- UND WITTERUNGSBESTÄNDIG, SPEZIELLER CSM GUMMI.
 ANWENDUNG : KRAFTSTOFFSCHLAUCH FÜR KRAFTFAHRZEUGE UND FETTPUMPEN.



SOTTOSTRATO : GOMMA NBR LISCIA NERA, RESISTENTE AGLI OLI ED AI CARBURANTI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE CSM LISCIA NERA, RESISTENTE AGLI OLI, AI CARBURANTI, ALLA FIAMMA, ALL' ABRASIONE, ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI CARBURANTI NEI MOTORI A COMBUSTIONE INTERNA O PER LUBRIFICAZIONE ED INGRASSAGGIO NEI VARI SERVIZI.



TUBE : CAOUTCHOUC NBR LISSE, RESISTANT AUX HUILES ET HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SPECIAL CSM, RESISTANT A L'ABRASION, A LA FLAMME, A L'OZONE, AUX HUILES ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LE TRANSFER DE CARBURANT DANS LES MOTEURS A COMBUSTION INTERNE, POUR LA LUBRIFICATION ET LE GRAISSAGE.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|------|------|------|----|-----|-----|-----|-----|------|-----|--------|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| - | 3.5 | 9.5 | | 10 | 145 | 30 | 435 | 45 | 86 | 10-100 |
| - | 4 | 10 | | 10 | 145 | 30 | 435 | 45 | 92 | 10-100 |
| - | 4.5 | 10.5 | | 10 | 145 | 30 | 435 | 50 | 99 | 10-100 |
| - | 4.5 | 11.5 | | 10 | 145 | 30 | 435 | 50 | 122 | 10-100 |
| - | 5 | 11 | | 10 | 145 | 30 | 435 | 55 | 105 | 10-100 |
| - | 5 | 12 | | 10 | 145 | 30 | 435 | 55 | 130 | 10-100 |
| - | 5.5 | 11.5 | | 10 | 145 | 30 | 435 | 60 | 111 | 10-100 |
| - | 6 | 12 | | 10 | 145 | 30 | 435 | 60 | 118 | 10-100 |
| - | 7 | 12 | | 10 | 145 | 30 | 435 | 60 | 104 | 10-100 |
| - | 7 | 13 | | 10 | 145 | 30 | 435 | 60 | 132 | 10-100 |
| - | 7.3 | 13.3 | | 10 | 145 | 30 | 435 | 70 | 136 | 10-100 |
| - | 7.3 | 14.3 | | 10 | 145 | 30 | 435 | 70 | 165 | 10-100 |
| - | 7.5 | 13.5 | | 10 | 145 | 30 | 435 | 70 | 138 | 10-100 |
| - | 8 | 14 | | 10 | 145 | 30 | 435 | 80 | 144 | 10-100 |
| - | 8 | 15 | | 10 | 145 | 30 | 435 | 80 | 176 | 10-100 |
| - | 9 | 15 | | 10 | 145 | 30 | 435 | 80 | 158 | 10-100 |
| - | 9.5 | 15.3 | | 10 | 145 | 30 | 435 | 80 | 162 | 10-100 |
| - | 10 | 16 | | 10 | 145 | 30 | 435 | 80 | 172 | 10-100 |
| - | 10 | 17 | | 10 | 145 | 30 | 435 | 80 | 207 | 10-100 |
| - | 11 | 17 | | 10 | 145 | 30 | 435 | 80 | 185 | 10-100 |
| - | 11 | 18 | | 10 | 145 | 30 | 435 | 80 | 223 | 10-100 |
| - | 11.5 | 18.5 | | 10 | 145 | 30 | 435 | 80 | 231 | 10-100 |
| - | 12.5 | 20 | | 10 | 145 | 30 | 435 | 100 | 267 | 10-100 |
| - | 14 | 22 | | 10 | 145 | 30 | 435 | 100 | 315 | 10-100 |
| - | 16 | 24 | | 10 | 145 | 30 | 435 | 110 | 350 | 10-100 |



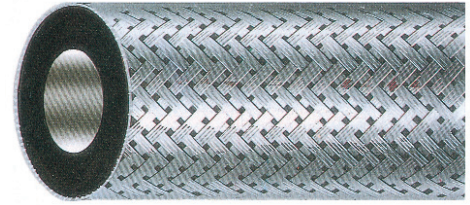
-30°C /+ 90°C
 -22°F /+194°F


MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED OR INK JET**

SEL OIL -2B DIN 73379 TYPE 2B - W.P. 10 Bar (145 PSI) (mm)**

| | | | |
|------------------------------------|-------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | DIN 73379 TYPE 2B ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|-------------------------------|---------------------------------------|--|

Galvanized Wire Braided Oil




 TUBE : OIL AND FUEL RESISTANT NBR RUBBER.
COVER : GALVANIZED WIRE BRAID.
APPLICATION : FOR DELIVERY OF TRANSMISSION OIL, FUEL OIL, GASOLINE, ETC.

 SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, NBR-GUMMI.
DECKE : MIT VERZINKTEM STAHLDRAHTGEFLECHT.
ANWENDUNG : ZUM DURCHLEITEN VON KRAFTSTOFFEN WIE ÖL, GAS, HEIZÖL ETC.

 SOTTOSTRATO : GOMMA SINTETICA NBR, RESISTENTE AI PRODOTTI PETROLIFERI.
COPERTURA : TRECCIA ZINCATO.
IMPIEGO : PER MANDATA D'OLIO, BENZINA, GASOLIO E DI LUBRIFICANTI ETC.

 TUBE : CAOUTCHOUC NBR, RESISTANT AUX HUILES ET HYDROCARBURES.
REVETEMENT : TRESSE GALVANISEE.
APPLICATION : POUR REFOULEMENT DES HUILES ET DES HYDROCARBURES.

|  ID |  OD |  WP | |  BP | |  W |  L |
|--|--|--|-----|--|------|---|---|
| | | bar | psi | bar | psi | g/m | m |
| 5 | 10 | 25 | 365 | 75 | 1088 | 80 | 100 |
| 6 | 11 | 25 | 365 | 75 | 1088 | 90 | 100 |
| 8 | 13 | 25 | 365 | 75 | 1088 | 115 | 100 |
| 9 | 14 | 25 | 365 | 75 | 1088 | 125 | 100 |
| 10 | 15 | 25 | 365 | 75 | 1088 | 135 | 100 |
| 13 | 19 | 20 | 290 | 60 | 870 | 185 | 100 |
| 16 | 22 | 20 | 290 | 60 | 870 | 290 | 50 |
| 19 | 25 | 15 | 218 | 45 | 653 | 330 | 50 |
| 25 | 33 | 15 | 218 | 45 | 653 | 500 | 50 |



-35°C /+ 90°C
-31°F /+194°F

NORMS
NORMEN
NORME
NORMES

ISO 1307

COLOUR
FARBEN
COLORI
COULEUR

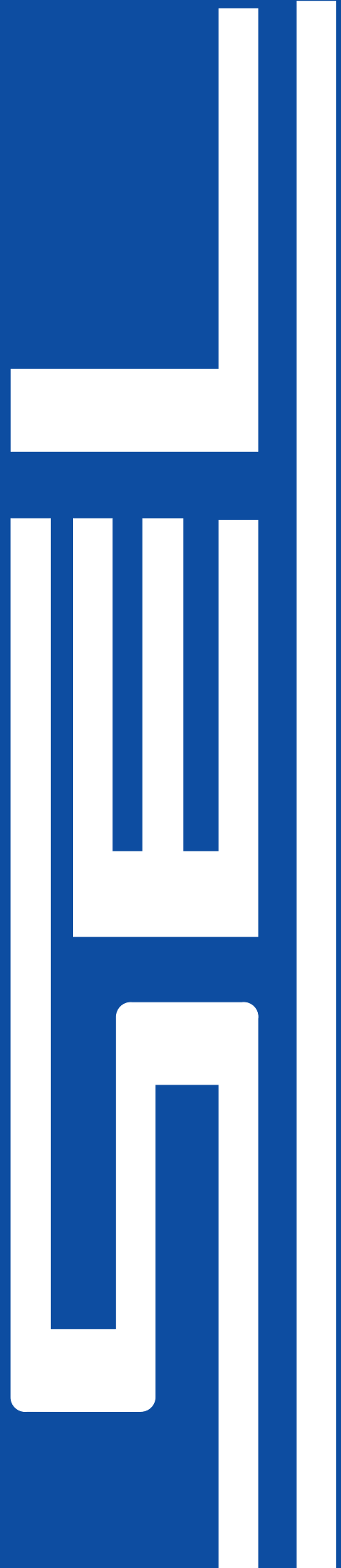


Petroleum Dispensing

Tankstellenzapfschläuch

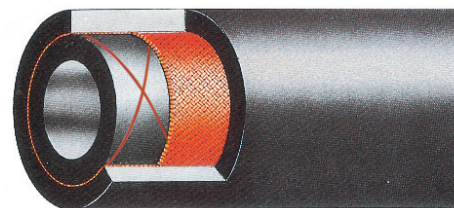
Distribuzione del Carburante

Distribution Carburant



Petrol Pump

-40 °C



TUBE : OIL, GASOLINE AND DIESEL RESISTANT SMOOTH, BLACK, NITRILE RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : FLAME, OIL, FUEL, ABRASION, OZONE, HEAT AND WEATHER RESISTANT, SYNTHETIC RUBBER.
 APPLICATION : FOR ALL TYPES OF GASOLINE DISPENSING APPLICATIONS. (REGULAR, PREMIUM GASOLINE AND DIESEL).



SEELE : ÖL-, DIESEL- UND KRAFTSTOFFBESTÄNDIG, GLATT, SCHWARZ, NITRILGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT ANTISTATISCHER KUPFERLITZE.
 DECKE : ABRIEB-, HITZE-, ÖL- UND WITTERUNGBESTÄNDIGER, FLAMMWIDRIGER, SPEZIELLER SYNTHETIKGUMMI.
 ANWENDUNG : FÜR TANKSTELLEN ZUM FÖRDERN VON VERSCHIEDENEN ÖLPRODUKTEN (ANWENDUNGEN MIT NORMALEN UND HOCHWERTIGEN KRAFTSTOFFEN UND DIESEL).



SOTTOSTRATO : GOMMA NITRILICA NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE RESISTENTE AGLI OLI, ALLA FIAMMA, ALL'OZONO , ALL 'ABRASIONE ET AGLI AGENTI ATMOSFERICI.
 IMPIEGO : EROGAZIONE DI CARBURANTI NELLE STAZIONI DI SERVIZIO (BENZINA, BENZINA VERDE, GASOLIO).



TUBE : CAOUTCHOUC NITRILE, NOIR LISSE RESISTANT AUX HUILES, A L'ESSENCE, AU GAZ-OIL.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, RESISTANT A LA FLAMME, AUX HUILES, A L'ESSENCE, A L'ABRASION, A L'OZONE, A LA CHALEUR ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LES EQUIPEMENTS DES POMPES A ESSENCES POUR LA DISTRIBUTION VOLUMETRIQUE DE CARBURANT. (ESSENCE ORDINAIRE, SUPER, SANS PLOMB ET GAZ-OIL).

| ID | | OD | WP | | BP | | BR/r | W | L |
|------|------|------|-----|-----|-----|-----|------|-----|----|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 21.5 | 16 | 232 | 48 | 696 | 60 | 295 | >6 |
| 5/8" | 16 | 26 | 16 | 232 | 48 | 696 | 80 | 425 | >6 |
| 3/4" | 19 | 29 | 16 | 232 | 48 | 696 | 100 | 475 | >6 |
| 1" | 25.4 | 36.5 | 16 | 232 | 48 | 696 | 150 | 690 | >6 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

- Tube upon request : Conductive (Ω)
- Seele nach Anfrage : Leitfähig (Ω)
- Sottostrato su richiesta : Conduttiva (Ω)
- Tube sur demande : Conducteur (Ω)



-40°C / + 55°C
 -40°F / +131°F



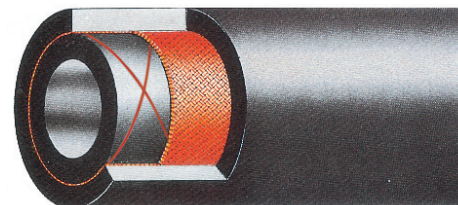
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED, INK JET OR TRANSFER TAPE**

SEL POMPA/L PETROL PUMP HOSE - TS EN 1360 - Type 1 - M - NT - W.P. 16 BAR (232 PSI)

| | | | |
|------------------------------------|-------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 1360 TYPE 1 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|-------------------------------|---------------------------------------|--|



Petrol Pump



TUBE : OIL, GASOLINE AND DIESEL RESISTANT SMOOTH, BLACK, NITRILE RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : FLAME, OIL, FUEL, ABRASION, OZONE, HEAT AND WEATHER RESISTANT, SYNTHETIC RUBBER.
 APPLICATION : FOR ALL TYPES OF GASOLINE DISPENSING APPLICATIONS. (REGULAR, PREMIUM GASOLINE AND DIESEL).



SEELE : ÖL-, DIESEL- UND KRAFTSTOFFBESTÄNDIG, GLATT, SCHWARZ, NITRILGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT ANTISTATISCHER KUPFERLITZE.
 DECKE : ABRIEB-, HITZE-, ÖL- UND WITTERUNGBESTÄNDIGER, FLAMMWIDRIGER, SPEZIELLER SYNTHETIKGUMMI.
 ANWENDUNG : FÜR TANKSTELLEN ZUM FÖRDERN VON VERSCHIEDENEN ÖLPRODUKTEN (ANWENDUNGEN MIT NORMALEN UND HOCHWERTIGEN KRAFTSTOFFEN UND DIESEL).



SOTTOSTRATO : GOMMA NITRILICA NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE RESISTENTE AGLI OLI, ALLA FIAMMA, ALL'OZONO, ALL' ABRASIONE ET AGLI AGENTI ATMOSFERICI.
 IMPIEGO : EROGAZIONE DI CARBURANTI NELLE STAZIONI DI SERVIZIO (BENZINA, BENZINA VERDE, GASOLIO)



TUBE : CAOUTCHOUC NITRILE, NOIR LISSE RESISTANT AUX HUILES, A L'ESSENCE, AU GAZ-OIL.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, RESISTANT A LA FLAMME, AUX HUILES, A L'ESSENCE, A L'ABRASION, A L'OZONE, A LA CHALEUR ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LES EQUIPEMENTS DES POMPES A ESSENCES POUR LA DISTRIBUTION VOLUMETRIQUE DE CARBURANT. (ESSENCE ORDINAIRE, SUPER, SANS PLOMB ET GAZ-OIL).

| ID | | OD | BR/r | W | L |
|------|------|------|------|-----|----|
| inch | mm | mm | mm | g/m | m |
| 1/2" | 12.7 | 21.5 | 89 | 330 | >6 |
| 5/8" | 16 | 25.4 | 89 | 430 | >6 |
| 3/4" | 19 | 28.6 | 89 | 490 | >6 |
| 1" | 25.4 | 34.9 | 89 | 625 | >6 |

* Tested for -54°C in accordance with UL 330.



-40°C / + 85°C
 -40°F / +185°F



MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED, INK JET OR TRANSFER TAPE**

SEL LISTED - MH45766 - 3JYR - (**mm) TYPE 1 GASOLINE HOSE EXCEEDS -54 °C (QUARTER / YEAR) 100108-328 (LOT)

NORMS
 NORMEN
 NORME
 NORMES

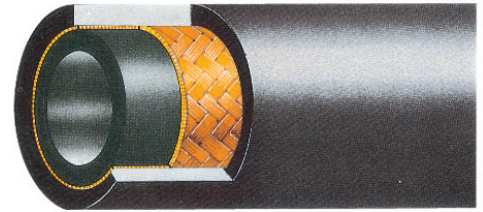
UL 330
 ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Petrol Pump Steel Wire Braided

-40 °C



TUBE : OIL, GASOLINE AND DIESEL RESISTANT SMOOTH, BLACK, NITRILE RUBBER.
 REINFORCEMENT : 1 HIGH TENSILE STEEL WIRE BRAID.
 COVER : FLAME, OIL, FUEL, ABRASION, OZONE, HEAT AND WEATHER RESISTANT, SYNTHETIC RUBBER.
 APPLICATION : FOR ALL TYPES OF GASOLINE DISPENSING APPLICATIONS. (REGULAR, PREMIUM GASOLINE AND DIESEL).



SEELE : ÖL-, DIESEL- UND KRAFTSTOFFBESTÄNDIG, GLATT, SCHWARZ, NITRILGUMMI.
 EINLAGE : HOCHZUGFESTES; EINLAGIGES STAHLDRAHTGEFLECHT.
 DECKE : ABRIEB-, HITZE-, ÖL- UND WITTERUNGBESTÄNDIGER, FLAMMWIDRIGER, SPEZIELLER SYNTHETIKGUMMI.
 ANWENDUNG : FÜR TANKSTELLEN ZUM FÖRDERN VON VERSCHIEDENEN ÖLPRODUKTEN (ANWENDUNGEN MIT NORMALEN UND HOCHWERTIGEN KRAFTSTOFFEN UND DIESEL).



SOTTOSTRATO : GOMMA NITRILICA NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : 1 TRECCA IN ACCIAIO AD ALTA TENACITÀ
 COPERTURA : GOMMA SPECIALE RESISTENTE AGLI OLI, ALLA FIAMMA, ALL'OZONO, ALL'ABRASIONE ET AGLI AGENTI ATMOSFERICI.
 IMPIEGO : EROGAZIONE DI CARBURANTI NELLE STAZIONI DI SERVIZIO (BENZINA, BENZINA VERDE, GASOLIO).



TUBE : CAOUTCHOUC NITRILE, NOIR LISSE RESISTANT AUX HUILES, A L'ESSENCE, AU GAZ-OIL.
 RENFORCEMENT : 1 TRESSE D'ACIER TRES RESISTANTE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, RESISTANT A LA FLAMME, AUX HUILES, A L'ESSENCE, A L'ABRASION, A L'OZONE, A LA CHALEUR ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LES EQUIPEMENTS DES POMPES A ESSENCES POUR LA DISTRIBUTION VOLUMETRIQUE DE CARBURANT. (ESSENCE ORDINAIRE, SUPER, SANS PLOMB ET GAZ-OIL).

| ID | | OD | | WP | | BP | | BR/r | | W | | L | |
|------|------|------|----|-----|-----|-----|-----|------|-----|---|--|---|--|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m | | | |
| 1/2" | 12.7 | 21.5 | 16 | 232 | 48 | 696 | 60 | 385 | >6 | | | | |
| 5/8" | 16 | 26 | 16 | 232 | 48 | 696 | 80 | 525 | >6 | | | | |
| 3/4" | 19 | 29 | 16 | 232 | 48 | 696 | 100 | 595 | >6 | | | | |
| 1" | 25.4 | 36.5 | 16 | 232 | 48 | 696 | 150 | 860 | >6 | | | | |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Tube upon request : Conductive (Ω)
 Seele nach Anfrage : Leitfähig (Ω)
 Sottostrato su richiesta : Conduttiva (Ω)
 Tube sur demande : Conducteur (Ω)



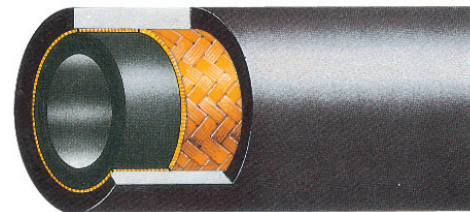
-30°C / + 55°C (OPTIONAL -40°C /+ 55°C)
 -22°F / +131°F (OPTIONAL -40°F /+ 131°F)

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED, INK JET OR TRANSFER TAPE**

SEL POMPA SWB PETROL PUMP HOSE - TS EN 1360 - Type 3 - M - NT - W.P. 16 BAR (232 PSI)

| | | | |
|------------------------------------|-------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 1360 TYPE 3 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|-------------------------------|---------------------------------------|--|

Petrol Pump Steel Wire Braided



TUBE : OIL, GASOLINE AND DIESEL RESISTANT SMOOTH, BLACK, NITRILE RUBBER.
 REINFORCEMENT : 1 HIGH TENSILE STEEL WIRE BRAID.
 COVER : FLAME, OIL, FUEL, ABRASION, OZONE, HEAT AND WEATHER RESISTANT, SYNTHETIC RUBBER.
 APPLICATION : FOR ALL TYPES OF GASOLINE DISPENSING APPLICATIONS. (REGULAR, PREMIUM GASOLINE AND DIESEL).



SEELE : ÖL-, DIESEL- UND KRAFTSTOFFBESTÄNDIG, GLATT, SCHWARZ, NITRILGUMMI.
 EINLAGE : HOCHZUGFESTES, EINLAGIGES STAHLDRAHTEGFLICHT.
 DECKE : ABRIEB-, HITZE-, ÖL- UND WITTERUNGBESTÄNDIGER, FLAMMWIDRIGER, SPEZIELLER SYNTHETIKGUMMI.
 ANWENDUNG : FÜR TANKSTELLEN ZUM FÖRDERN VON VERSCHIEDENEN ÖLPRODUKTEN (ANWENDUNGEN MIT NORMALEN UND HOCHWERTIGEN KRAFTSTOFFEN UND DIESEL).



SOTTOSTRATO : GOMMA NITRILICA NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : 1 TRECCA IN ACCIAIO AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE RESISTENTE AGLI OLI, ALLA FIAMMA, ALL'OZONO, ALL' ABRASIONE ET AGLI AGENTI ATMOSFERICI.
 IMPIEGO : EROGAZIONE DI CARBURANTI NELLE STAZIONI DI SERVIZIO (BENZINA, BENZINA VERDE, GASOLIO).



TUBE : CAOUTCHOUC NITRILE, NOIR LISSE RESISTANT AUX HUILES, A L'ESSENCE AU GAZ-OIL.
 RENFORCEMENT : 1 TRESSE D'ACIER TRES RESISTANTE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE, RESISTANT A LA FLAMME, AUX HUILES, A L'ESSENCE, A L'ABRASION, A L'OZONE, A LA CHALEUR ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LES EQUIPEMENTS DES POMPES A ESSENCES POUR LA DISTRIBUTION VOLUMETRIQUE DE CARBURANT. (ESSENCE ORDINAIRE, SUPER, SANS PLOMB ET GAZ-OIL).

| ID | | OD | BR/r | W | L |
|------|------|------|------|-----|----|
| inch | mm | mm | mm | g/m | m |
| 1/2" | 12.7 | 21.5 | 89 | 470 | >6 |
| 5/8" | 16 | 25.4 | 89 | 575 | >6 |
| 3/4" | 19 | 28.6 | 89 | 655 | >6 |
| 1" | 25.4 | 34.9 | 89 | 815 | >6 |

* Tested for -54°C in accordance with UL 330.



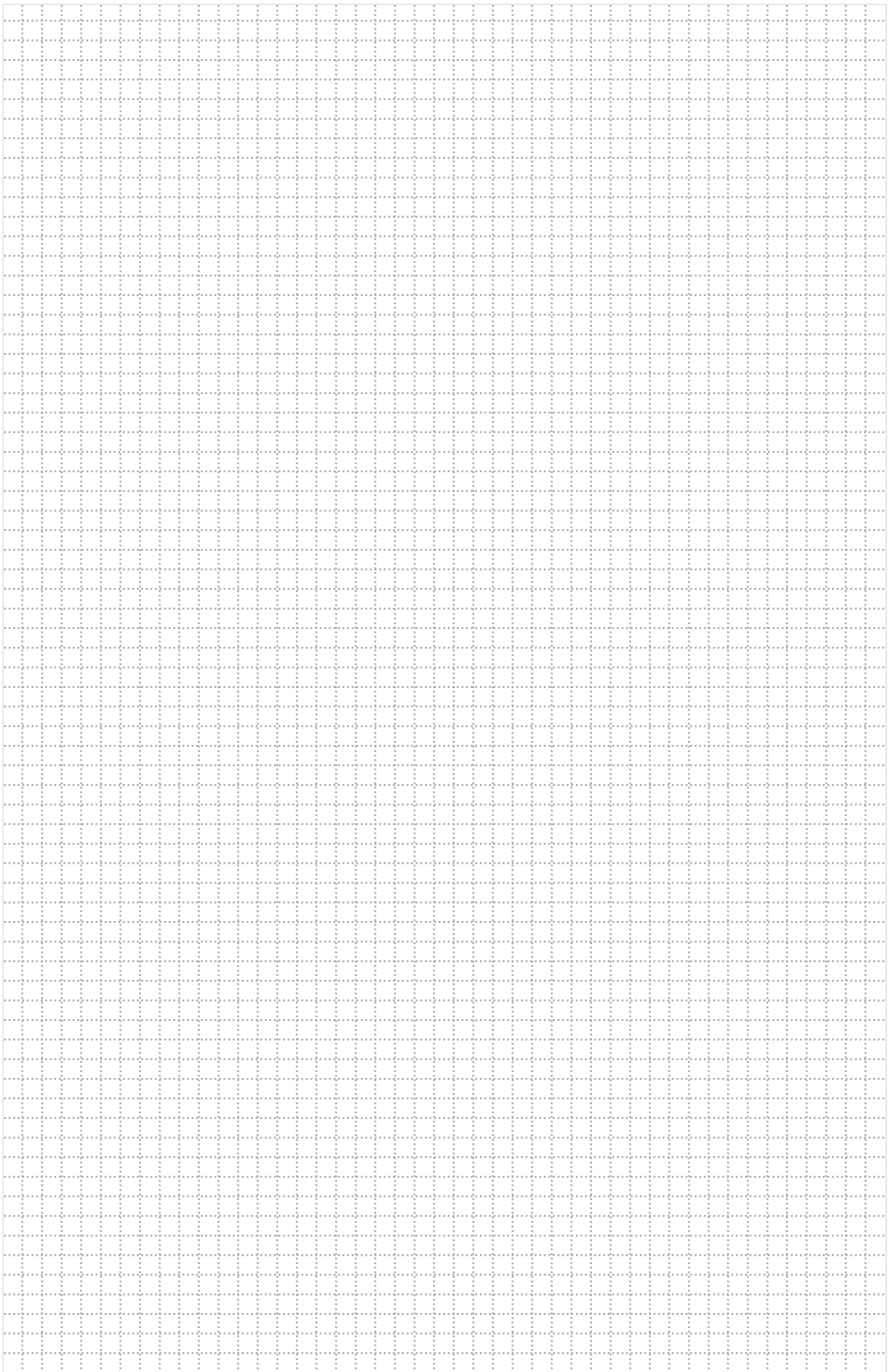
-40°C / + 85°C
 -40°F / +185°F



MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **EMBOSSED, INK JET OR TRANSFER TAPE**

SEL LISTED - MH45766 - 3JYR - (**mm) TYPE 3 GASOLINE HOSE EXCEEDS -54 ° C (QUARTER / YEAR) 100108-328 (LOT)

| | | | |
|------------------------------------|--------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | UL 330 ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--------------------|---------------------------------------|--|

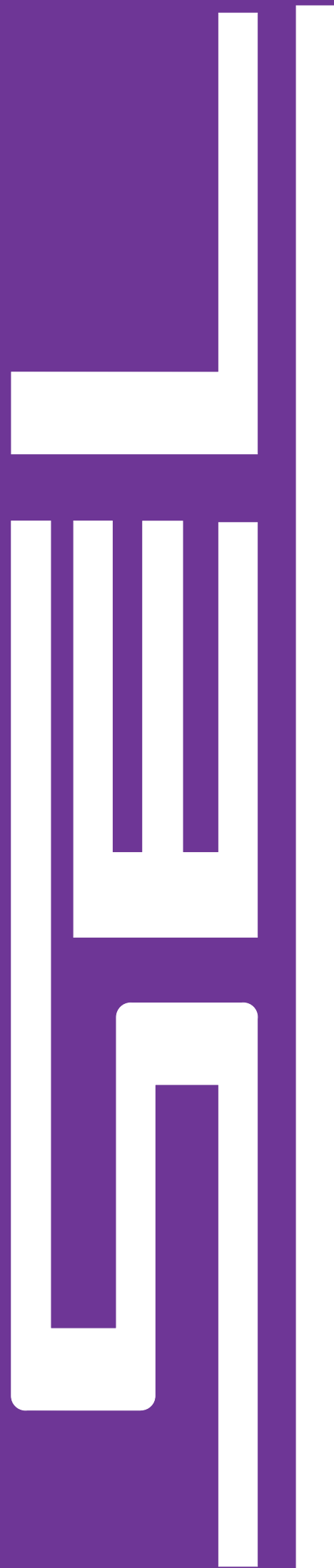


Chemical

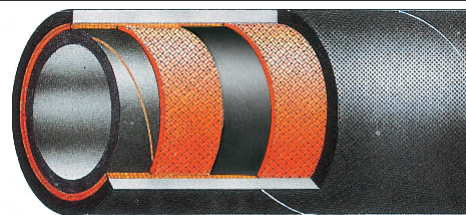
Chemie

Prodotti Chimici

Produits Chimiques



Chemical Delivery EPDM



TUBE : CHEMICAL RESISTANT BLACK EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT EPDM RUBBER.
 APPLICATION : FOR DISCHARGE WIDE RANGE OF CHEMICALS (SEE SEL CHEMICAL RESISTANCE CHART), SEA AND INDUSTRIAL WATER.



SEELE : BESTÄNDIG GEGEN CHEMIKALIEN, SCHWARZ, EPDM
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHER KUPFERLITZE
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI
 ANWENDUNG : DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN (SIEHE SEL BESTÄNDIGKEITSLISTE) MEER- UND INDUSTRIEWASSER



SOTTOSTRATO : GOMMA EPDM NERA RESISTENTE AGLI ACIDI ED AI PRODOTTI CHIMICI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA EPDM RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI CHIMICI (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA), ACQUA DI MARE ED INDUSTRIALE.



TUBE : CAOUTCHOUC EPDM NOIR RESISTANT AUX PRODUITS CHIMIQUES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE PRODUITS CHIMIQUES (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL), EAU DE MER ET INDUSTRIELLE.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/4" | 19 | 29 | 10 | 145 | 40 | 580 | 475 | 40-46-61 |
| 1" | 25.4 | 35 | 10 | 145 | 40 | 580 | 600 | 40-46-61 |
| 1 1/4" | 32 | 43 | 10 | 145 | 40 | 580 | 855 | 40-46-61 |
| 1 1/2" | 38 | 49 | 10 | 145 | 40 | 580 | 985 | 40-46-61 |
| 1 3/4" | 44.5 | 56 | 10 | 145 | 40 | 580 | 1180 | 40-46-61 |
| 2" | 50.8 | 64 | 10 | 145 | 40 | 580 | 1545 | 40-46-61 |
| 2 1/2" | 63.5 | 77 | 10 | 145 | 40 | 580 | 1905 | 40-46-61 |
| 2 3/4" | 70 | 84 | 10 | 145 | 40 | 580 | 2190 | 40-46-61 |
| 3" | 76.2 | 90 | 10 | 145 | 40 | 580 | 2365 | 40-46-61 |
| 4" | 101.6 | 116 | 10 | 145 | 40 | 580 | 3110 | 40-46-61 |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature. Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio. Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.

IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service. Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.



-40°C / +120°C
 -40°F / +248°F

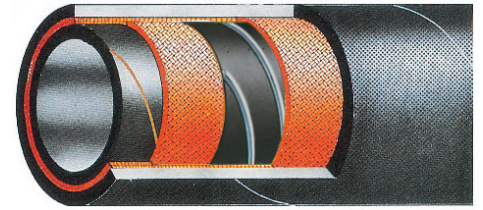
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Chemical S&D EPDM



TUBE : CHEMICAL RESISTANT BLACK EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE WIDE RANGE OF CHEMICALS (SEE SEL CHEMICAL RESISTANCE CHART), SEA AND INDUSTRIAL WATER.



SEELE : BESTÄNDIG GEGEN CHEMIKALIEN, SCHWARZ, EPDM.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI.
 ANWENDUNG : SAUG- DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN (SIEHE SEL BESTÄNDIGKEITSLISTE) MEER- UND INDUSTRIEWASSER.



SOTTOSTRATO : GOMMA EPDM NERA RESISTENTE AGLI ACIDI ED AI PRODOTTI CHIMICI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA EPDM RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI CHIMICI (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA), ACQUA DI MARE ED INDUSTRIALE



TUBE : CAOUTCHOUC EPDM NOIR RESISTANT AUX PRODUITS CHIMIQUES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE PRODUITS CHIMIQUES (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL), EAU DE MER ET INDUSTRIELLE.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-----|--------|------|------|----------|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 30 | 30 | 10 | 145 | 40 | 580 | -0.92 | 75 | 605 | 40-46-61 |
| 1" | 25.4 | 36 | 36 | 10 | 145 | 40 | 580 | -0.92 | 100 | 720 | 40-46-61 |
| 1 1/4" | 32 | 44 | 44 | 10 | 145 | 40 | 580 | -0.92 | 125 | 1020 | 40-46-61 |
| 1 1/2" | 38 | 51 | 51 | 10 | 145 | 40 | 580 | -0.92 | 150 | 1355 | 40-46-61 |
| 1 3/4" | 44.5 | 58 | 58 | 10 | 145 | 40 | 580 | -0.92 | 190 | 1625 | 40-46-61 |
| 2" | 50.8 | 66 | 66 | 10 | 145 | 40 | 580 | -0.92 | 225 | 2080 | 40-46-61 |
| 2 1/2" | 63.5 | 79 | 79 | 10 | 145 | 40 | 580 | -0.92 | 280 | 2700 | 40-46-61 |
| 2 3/4" | 70 | 86 | 86 | 10 | 145 | 40 | 580 | -0.92 | 315 | 3005 | 40-46-61 |
| 3" | 76.2 | 92 | 92 | 10 | 145 | 40 | 580 | -0.92 | 340 | 3240 | 40-46-61 |
| 4" | 101.6 | 118 | 118 | 10 | 145 | 40 | 580 | -0.92 | 455 | 4050 | 40-46-61 |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature.
 Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio.
 Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.

IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service.
 Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.



-40°C / + 120°C
 -40°F / + 248°F

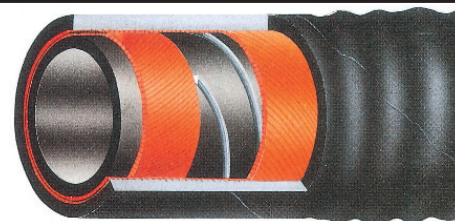
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Chemical S&D EPDM

CORRUGATED



TUBE : CHEMICAL RESISTANT BLACK EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI, GEWELLT.
 APPLICATION : FOR SUCTION AND DISCHARGE WIDE RANGE OF CHEMICALS (SEE SEL CHEMICAL RESISTANCE CHART), SEA AND INDUSTRIAL WATER.



SEELE : BESTÄNDIG GEGEN CHEMIKALIEN, SCHWARZ, EPDM.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI, GEWELLT.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN (SIEHE SEL BESTÄNDIGKEITSLISTE) MEER- UND INDUSTRIEWASSER.



SOTTOSTRATO : GOMMA EPDM NERA RESISTENTE AGLI ACIDI ED AI PRODOTTI CHIMICI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA EPDM ONDULATO RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI CHIMICI (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA), ACQUA DI MARE ED INDUSTRIALE.



TUBE : CAOUTCHOUC EPDM NOIR RESISTANT AUX PRODUITS CHIMIQUES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC EPDM ONDULE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE PRODUITS CHIMIQUES (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL), EAU DE MER ET INDUSTRIELLE.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|------|-----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 3/4" | 19 | 29.5 | 10 | 145 | 40 | 580 | -0.92 | 75 | 612 | 40-46-61 | |
| 1" | 25.4 | 36 | 10 | 145 | 40 | 580 | -0.92 | 100 | 761 | 40-46-61 | |
| 1 1/4" | 32 | 43 | 10 | 145 | 40 | 580 | -0.92 | 125 | 995 | 40-46-61 | |
| 1 1/2" | 38 | 49 | 10 | 145 | 40 | 580 | -0.92 | 150 | 1153 | 40-46-61 | |
| 1 3/4" | 44.5 | 56.5 | 10 | 145 | 40 | 580 | -0.92 | 190 | 1410 | 40-46-61 | |
| 2" | 50.8 | 63 | 10 | 145 | 40 | 580 | -0.92 | 240 | 1727 | 40-46-61 | |
| 2 1/2" | 63.5 | 77 | 10 | 145 | 40 | 580 | -0.92 | 305 | 2470 | 40-46-61 | |
| 2 3/4" | 70 | 83.5 | 10 | 145 | 40 | 580 | -0.92 | 335 | 2697 | 40-46-61 | |
| 3" | 76.2 | 92.5 | 10 | 145 | 40 | 580 | -0.92 | 380 | 3400 | 40-46-61 | |
| 4" | 101.6 | 118 | 10 | 145 | 40 | 580 | -0.92 | 525 | 4418 | 40-46-61 | |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature.
 Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio.
 Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.

IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service.
 Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.



-40°C / +120°C
 -40°F / +248°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

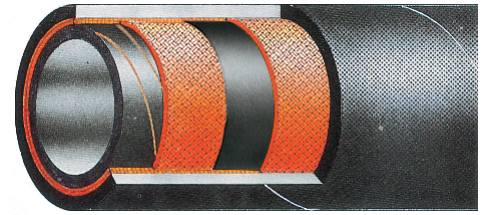


| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Chemical Delivery EPDM

EN 12115



TUBE : CHEMICAL RESISTANT BLACK EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND 2 ANTISTATIC COPPER WIRES.
 COVER : WEATHER, OZONE, FLAME AND ABRASION RESISTANT CR RUBBER.
 APPLICATION : FOR DISCHARGE WIDE RANGE OF CHEMICALS (SEE SEL CHEMICAL RESISTANCE CHART), SEA AND INDUSTRIAL WATER.



SEELE : BESTÄNDIG GEGEN CHEMIKALIEN, SCHWARZ, EPDM.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT 2 ANTISTATISCHE KUPFERLITZEN.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, FLAMMWIDRIGER CR GUMMI.
 ANWENDUNG : DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN (SIEHE SEL BESTÄNDIGKEITSLISTE) MEER- UND INDUSTRIEWASSER.



SOTTOSTRATO : GOMMA EPDM NERA RESISTENTE AGLI ACIDI ED AI PRODOTTI CHIMICI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON 2 CORDICELLE DI RAME ANTISTATICHE.
 COPERTURA : GOMMA CR RESISTENTE ALL'ABRASIONE, ALL'OZONO, ALLA FIAMMA AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI CHIMICI (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA), ACQUA DI MARE ED INDUSTRIALE.



TUBE : CAOUTCHOUC EPDM NOIR RESISTANT AUX PRODUITS CHIMIQUES.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET 2 FILS DE MASSE ANTISTATIQUES.
 REVETEMENT : CAOUTCHOUC CR, RESISTANT A L'ABRASION, A L'OZONE, A LA FLAMME ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE PRODUITS CHIMIQUES (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL), EAU DE MER ET INDUSTRIELLE.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|-----|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 3/4" | 19 | 31 | 16 | 232 | 64 | 928 | 125 | 626 | 40-46-61 | |
| 1" | 25.4 | 37 | 16 | 232 | 64 | 928 | 150 | 746 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 16 | 232 | 64 | 928 | 175 | 934 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 16 | 232 | 64 | 928 | 225 | 1200 | 40-46-61 | |
| 2" | 50.8 | 67 | 16 | 232 | 64 | 928 | 275 | 1943 | 40-46-61 | |
| 2 1/2" | 63.5 | 79 | 16 | 232 | 64 | 928 | 300 | 2306 | 40-46-61 | |
| 3" | 76.2 | 92 | 16 | 232 | 64 | 928 | 350 | 2713 | 40-46-61 | |
| 4" | 101.6 | 118 | 16 | 232 | 64 | 928 | 450 | 3721 | 40-46-61 | |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature. Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

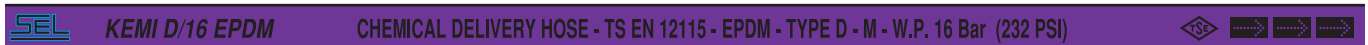
IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio. Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.

IMPORTANT : Mentionner avec la commande les caractéristiques de la matière, la concentration et la pression de service. Les autres diamètres, pressions, couleurs, type de revêtement et double hélice acier peuvent être produits selon la commande.



-40°C / +120°C
 -40°F / +248°F

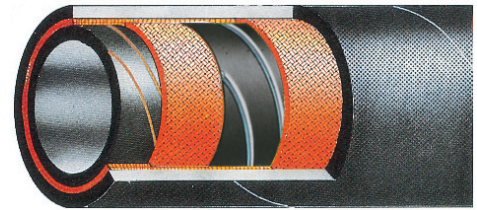
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|--------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 12115 TYPE D | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--------------------|---------------------------------------|--|

Chemical S&D EPDM

EN 12115



TUBE : CHEMICAL RESISTANT BLACK EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND 2 ANTISTATIC COPPER WIRES.
 COVER : WEATHER, OZONE, FLAME AND ABRASION RESISTANT CR RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE WIDE RANGE OF CHEMICALS (SEE SEL CHEMICAL RESISTANCE CHART), SEA AND INDUSTRIAL WATER.



SEELE : BESTÄNDIG GEGEN CHEMIKALIEN, SCHWARZ, EPDM.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT 2 STAHLDRAHTSPIRALEN UND 2 ANTISTATISCHE KUPFERLITZEN.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, FLAMMWIDRIGER CR GUMMI.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN (SIEHE SEL BESTÄNDIGKEITSLISTE) MEER- UND INDUSTRIEWASSER.



SOTTOSTRATO : GOMMA EPDM NERA RESISTENTE AGLI ACIDI ED AI PRODOTTI CHIMICI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, CON 2 SPIRALI D'ACCIAIO E 2 CORDICELLE DI RAME ANTISTATICHE.
 COPERTURA : GOMMA CR ONDULATA RESISTENTE ALL'ABRASIONE, ALL'OZONO, ALLA FIAMMA ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI CHIMICI (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA), ACQUA DI MARE ED INDUSTRIALE.



TUBE : CAOUTCHOUC EPDM NOIR RESISTANT AUX PRODUITS CHIMIQUES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET 2 FILS DE MASSE ANTISTATIQUES.
 REVETEMENT : CAOUTCHOUC CR, RESISTANT A L'ABRASION, A L'OZONE, A LA FLAMME ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE PRODUITS CHIMIQUES (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL), EAU DE MER ET INDUSTRIELLE.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 3/4" | 19 | 31 | 16 | 232 | 64 | 928 | -0.92 | 125 | 633 | 40-46-61 | |
| 1" | 25.4 | 37 | 16 | 232 | 64 | 928 | -0.92 | 150 | 781 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 16 | 232 | 64 | 928 | -0.92 | 175 | 1027 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 16 | 232 | 64 | 928 | -0.92 | 225 | 1416 | 40-46-61 | |
| 2" | 50.8 | 67 | 16 | 232 | 64 | 928 | -0.92 | 275 | 2203 | 40-46-61 | |
| 2 1/2" | 63.5 | 79 | 16 | 232 | 64 | 928 | -0.92 | 300 | 2665 | 40-46-61 | |
| 3" | 76.2 | 92 | 16 | 232 | 64 | 928 | -0.80 | 350 | 3159 | 40-46-61 | |
| 4" | 101.6 | 118 | 16 | 232 | 64 | 928 | -0.80 | 450 | 4360 | 40-46-61 | |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature. Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio. Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.

IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service. Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.



-40°C / +120°C
 -40°F / +248°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL KEMI SD/16 EPDM CHEMICAL S/D HOSE - TS EN 12115 - EPDM - TYPE SD - M - W.P. 16 Bar (232 PSI)



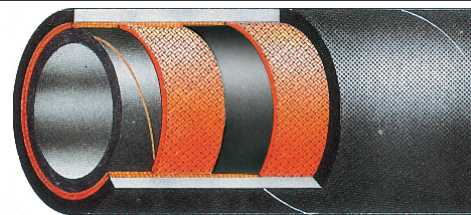
NORMS
 NORMEN
 NORME
 NORMES

TS EN 12115 TYPE SD

COLOUR
 FARBEN
 COLORI
 COULEUR



Chemical Delivery CSM



TUBE : HIGH CORROSIVE CHEMICAL RESISTANT BLACK, CSM RUBBER,
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT NBR RUBBER.
 APPLICATION : FOR DISCHARGE WIDE RANGE OF CHEMICALS (SEE SEL CHEMICAL RESISTANCE CHART), SEA AND INDUSTRIAL WATER.



SEELE : BESTÄNDIG GEGEN HOCH KORROSIVE CHEMIKALIEN, SCHWARZ, CSM GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER NBR GUMMI.
 ANWENDUNG : DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN (SIEHE SEL BESTÄNDIGKEITSLISTE) MEER- UND INDUSTRIEWASSER.



SOTTOSTRATO : GOMMA CSM NERA RESISTENTE AGLI ACIDI ED AI PRODOTTI CHIMICI ALTAMENTE CORROSIVI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA IN NBR RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI CHIMICI (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA), ACQUA DI MARE ED INDUSTRIALE



TUBE : CAOUTCHOUC CSM NOIR RESISTANT AUX PRODUITS CHIMIQUES FORT CORROSIFS.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC NBR, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE PRODUITS CHIMIQUES (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL), EAU DE MER ET INDUSTRIELLE.

| ID | | OD | | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | g/m | m | |
| 3/4" | 19 | 29 | 10 | 145 | 40 | 580 | 455 | 40-46-61 | |
| 1" | 25.4 | 35 | 10 | 145 | 40 | 580 | 575 | 40-46-61 | |
| 1 1/4" | 32 | 43 | 10 | 145 | 40 | 580 | 835 | 40-46-61 | |
| 1 1/2" | 38 | 49 | 10 | 145 | 40 | 580 | 965 | 40-46-61 | |
| 1 3/4" | 44.5 | 56 | 10 | 145 | 40 | 580 | 1135 | 40-46-61 | |
| 2" | 50.8 | 64 | 10 | 145 | 40 | 580 | 1475 | 40-46-61 | |
| 2 1/2" | 63.5 | 77 | 10 | 145 | 40 | 580 | 1875 | 40-46-61 | |
| 2 3/4" | 70 | 84 | 10 | 145 | 40 | 580 | 2150 | 40-46-61 | |
| 3" | 76.2 | 90 | 10 | 145 | 40 | 580 | 2290 | 40-46-61 | |
| 4" | 101.6 | 116 | 10 | 145 | 40 | 580 | 3160 | 40-46-61 | |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature. Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.
WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.
IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio. Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.
IMPORTANT : Mentionner avec la commande les caractéristiques de la matière, la concentration et la pression de service. Les autres diamètres, pressions, couleurs, type de revêtement et double hélice acier peuvent être produits selon la commande.



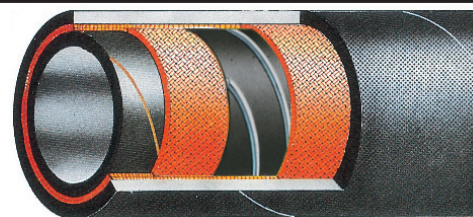
-40°C / +100°C
 -40°F / +212°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Chemical S&D CSM



TUBE : HIGH CORROSIVE CHEMICAL RESISTANT BLACK, CSM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT NBR RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE WIDE RANGE OF CHEMICALS (SEE SEL CHEMICAL RESISTANCE CHART), SEA AND INDUSTRIAL WATER.



SEELE : BESTÄNDIG GEGEN HOCH KORROSIVE CHEMIKALIEN, SCHWARZ, CSM GUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER NBR GUMMI.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN (SIEHE SEL BESTÄNDIGKEITSLISTE) MEER- UND INDUSTRIEWASSER



SOTTOSTRATO : GOMMA CSM NERA RESISTENTE AGLI ACIDI ED AI PRODOTTI CHIMICI ALTAMENTE CORROSIVI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA IN NBR RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI CHIMICI (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA), ACQUA DI MARE ED INDUSTRIALE



TUBE : CAOUTCHOUC CSM NOIR RESISTANT AUX PRODUITS CHIMIQUES FORT CORROSIFS.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC NBR, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE PRODUITS CHIMIQUES (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL), EAU DE MER ET INDUSTRIELLE.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 3/4" | 19 | 30 | 10 | 145 | 40 | 580 | -0.92 | 75 | 590 | 40-46-61 | |
| 1" | 25.4 | 36 | 10 | 145 | 40 | 580 | -0.92 | 100 | 700 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 10 | 145 | 40 | 580 | -0.92 | 125 | 1005 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 10 | 145 | 40 | 580 | -0.92 | 150 | 1345 | 40-46-61 | |
| 1 3/4" | 44.5 | 58 | 10 | 145 | 40 | 580 | -0.92 | 190 | 1590 | 40-46-61 | |
| 2" | 50.8 | 66 | 10 | 145 | 40 | 580 | -0.92 | 225 | 2025 | 40-46-61 | |
| 2 1/2" | 63.5 | 79 | 10 | 145 | 40 | 580 | -0.92 | 280 | 2630 | 40-46-61 | |
| 2 3/4" | 70 | 86 | 10 | 145 | 40 | 580 | -0.92 | 315 | 2990 | 40-46-61 | |
| 3" | 76.2 | 92 | 10 | 145 | 40 | 580 | -0.92 | 340 | 3190 | 40-46-61 | |
| 4" | 101.6 | 118 | 10 | 145 | 40 | 580 | -0.92 | 455 | 4255 | 40-46-61 | |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature. Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio. Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.

IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service. Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.



-40°C / +100°C
 -40°F / +212°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

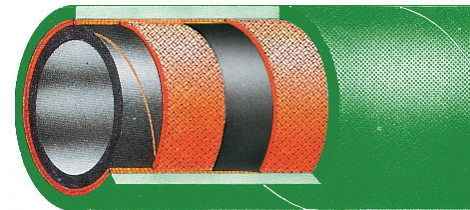


| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Acid-Solvent and Chemical Delivery

XLPE



TUBE : CHEMICALS, SOLVENTS, PETROLEUM PRODUCTS & OIL RESISTANT TRANSLUCENT XLPE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT EPDM RUBBER.
 APPLICATION : FOR DISCHARGE WIDE RANGE OF CHEMICALS, PETROLEUM PRODUCTS, OILS, HIGH AROMATIC SOLVENTS, ALCOHOL ETC.
 (SEE SEL CHEMICAL RESISTANCE CHART).



SEELE : GEGEN CHEMIKALIEN, LÖSUNGSMITTEL, ERDÖLPRODUKTE UND ÖLE BESTÄNDIGER, TRANSPARENTE XLPE - BESCHICHTUNG.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI.
 ANWENDUNG : DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN; ERDÖLPRODUKTE, ÖLE, HOCHAROMATISCHE LÖSUNGSMITTEL, ALKOHOL USW.
 (SIEHE SEL BESTÄNDIGKEITSLISTE).



SOTTOSTRATO : XLPE TRANSPARENTA RESISTENTE AI SOLVENTI, PRODOTTI CHIMICI, PETROLIFERI E OLI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA IN EPDM RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI CHIMICI, PETROLIFERI, ALCOLICI, SOLVENTI SPECIALI ED OLI.
 (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA).



TUBE : XLPE TRANSLUCIDE RESISTANT AUX SOLVANTS, PRODUITS CHIMIQUES, PETROLIERS ET HUILES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE PRODUITS CHIMIQUES, PETROLIERS, SOLVANTS AROMATIQUES, ALCOOL ET HUILES ETC
 (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL).

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/4" | 19 | 30 | 10 | 145 | 40 | 580 | 545 | 40-46-61 |
| 1" | 25.4 | 36 | 10 | 145 | 40 | 580 | 670 | 40-46-61 |
| 1 1/4" | 32 | 45 | 10 | 145 | 40 | 580 | 1017 | 40-46-61 |
| 1 1/2" | 38 | 51 | 10 | 145 | 40 | 580 | 1175 | 40-46-61 |
| 1 3/4" | 44.5 | 59 | 10 | 145 | 40 | 580 | 1585 | 40-46-61 |
| 2" | 50.8 | 65 | 10 | 145 | 40 | 580 | 1677 | 40-46-61 |
| 2 1/2" | 63.5 | 79 | 10 | 145 | 40 | 580 | 2195 | 40-46-61 |
| 3" | 76.2 | 92 | 10 | 145 | 40 | 580 | 2700 | 40-46-61 |
| 4" | 101.6 | 118 | 10 | 145 | 40 | 580 | 3605 | 40-46-61 |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature.
 Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio.
 Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.



IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service.
 Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.



-40°C / + 80°C
 -40°F / +176°F

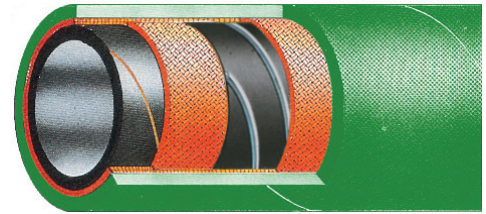
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|---|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |   |
|------------------------------------|----------|---------------------------------------|---|

Acid-Solvent and Chemical S&D

XLPE



TUBE : CHEMICALS, SOLVENTS, PETROLEUM PRODUCTS & OIL RESISTANT TRANSLUCENT XLPE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE WIDE RANGE OF CHEMICALS, PETROLEUM PRODUCTS, OILS, HIGH AROMATIC SOLVENTS, ALCOHOL ETC. (SEE SEL CHEMICAL RESISTANCE CHART).



SEELE : GEGEN CHEMIKALIEN, LÖSUNGSMITTEL, ERDÖLPRODUKTE UND ÖLE BESTÄNDIGER, TRANSPARENTE XLPE - BESCHICHTUNG.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN; ERDÖLPRODUKTE, ÖLE, HOCHAROMATISCHE LÖSUNGSMITTEL, ALKOHOL USW. (SIEHE SEL BESTÄNDIGKEITSLISTE).



SOTTOSTRATO : XLPE TRANSPARENTE RESISTENTE AI SOLVENTI, PRODOTTI CHIMICI, PETROLIFERI E OLI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA IN EPDM RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DEI PRODOTTI CHIMICI, PETROLIFERI, ALCOLICI, SOLVENTI SPECIALI ED OLI. (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA).



TUBE : XLPE TRANSLUCIDE RESISTANT AUX SOLVANTS, PRODUITS CHIMIQUES, PETROLIERS ET HUILES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE PRODUITS CHIMIQUES, PETROLIERS, SOLVANTS AROMATIQUES, ALCOOL ET HUILES ETC (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL).

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 3/4" | 19 | 31 | 10 | 145 | 40 | 580 | -0.92 | 80 | 670 | 40-46-61 | |
| 1" | 25.4 | 37 | 10 | 145 | 40 | 580 | -0.92 | 110 | 815 | 40-46-61 | |
| 1 1/4" | 32 | 45 | 10 | 145 | 40 | 580 | -0.92 | 165 | 1125 | 40-46-61 | |
| 1 1/2" | 38 | 52 | 10 | 145 | 40 | 580 | -0.92 | 225 | 1460 | 40-46-61 | |
| 1 3/4" | 44.5 | 59 | 10 | 145 | 40 | 580 | -0.92 | 285 | 1780 | 40-46-61 | |
| 2" | 50.8 | 67 | 10 | 145 | 40 | 580 | -0.92 | 350 | 2260 | 40-46-61 | |
| 2 1/2" | 63.5 | 80 | 10 | 145 | 40 | 580 | -0.92 | 450 | 2820 | 40-46-61 | |
| 2 3/4" | 70 | 87 | 10 | 145 | 40 | 580 | -0.92 | 550 | 3190 | 40-46-61 | |
| 3" | 76.2 | 93 | 10 | 145 | 40 | 580 | -0.92 | 800 | 3425 | 40-46-61 | |
| 4" | 101.6 | 120 | 10 | 145 | 40 | 580 | -0.92 | 1200 | 5290 | 40-46-61 | |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature. Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio. Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.



IMPORTANT : Mentionner avec la commande les caractéristiques de la matière, la concentration et la pression de service. Les autres diamètres, pressions, couleurs, type de revêtement et double hélice acier peuvent être produits selon la commande.



-40°C / + 80°C
 -40°F / +176°F

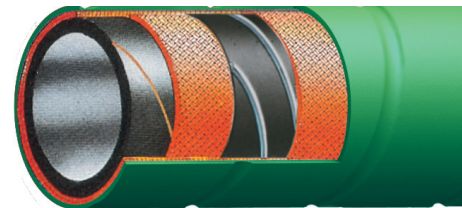
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |   |
|------------------------------------|----------|---------------------------------------|--|

Acid-Solvent and Chemical S&D

XLPE-FLAT CORRUGATED



TUBE : CHEMICALS, SOLVENTS, PETROLEUM PRODUCTS & OIL RESISTANT TRANSLUCENT XLPE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : WEATHER, OZONE AND ABRASION RESISTANT EPDM RUBBER. FLAT CORRUGATED
 APPLICATION : FOR SUCTION AND DISCHARGE WIDE RANGE OF CHEMICALS, PETROLEUM PRODUCTS, OILS, HIGH AROMATIC SOLVENTS, ALCOHOL ETC.
 (SEE SEL CHEMICAL RESISTANCE CHART).



SEELE : GEGEN CHEMIKALIEN, LÖSUNGSMITTEL, ERDÖLPRODUKTE UND ÖLE BESTÄNDIGER, TRANSPARENTE XLPE - BESCHICHTUNG.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI; LEICHT GEWELLT.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN; ERDÖLPRODUKTE, ÖLE, HOCHAROMATISCHE LÖSUNGSMITTEL, ALKOHOL USW. (SIEHE SEL BESTÄNDIGKEITSLISTE).



SOTTOSTRATO : XLPE TRANSPARENTE RESISTENTE AI SOLVENTI, PRODOTTI CHIMICI, PETROLIFERI E OLI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA IN EPDM ONDULATA PIATTA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI CHIMICI, PETROLIFERI, ALCOLICI, SOLVENTI SPECIALI ED OLI.
 (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA).



TUBE : XLPE TRANSLUCIDE RESISTANT AUX SOLVANTS, PRODUITS CHIMIQUES, PETROLIERS ET HUILES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC EPDM ONDULE PLAT, RESISTANT A L'ABRASION, A L'OZONO ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE PRODUITS CHIMIQUES, PETROLIERS, SOLVANTS AROMATIQUES, ALCOOL ET HUILES ETC
 (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL).

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 29 | 10 | 145 | 30 | 435 | -0.92 | 70 | 490 | 40-46-61 | |
| 1" | 25.4 | 36 | 10 | 145 | 30 | 435 | -0.92 | 100 | 642 | 40-46-61 | |
| 1 1/4" | 32 | 43 | 10 | 145 | 30 | 435 | -0.92 | 130 | 955 | 40-46-61 | |
| 1 1/2" | 38 | 50 | 10 | 145 | 30 | 435 | -0.92 | 160 | 1110 | 40-46-61 | |
| 2" | 50.8 | 64 | 10 | 145 | 30 | 435 | -0.92 | 250 | 1600 | 40-46-61 | |
| 2 1/2" | 63.5 | 78 | 10 | 145 | 30 | 435 | -0.92 | 350 | 2260 | 40-46-61 | |
| 3" | 76.2 | 91 | 10 | 145 | 30 | 435 | -0.92 | 450 | 2600 | 40-46-61 | |
| 4" | 101.6 | 119 | 10 | 145 | 30 | 435 | -0.92 | 700 | 4325 | 40-46-61 | |
| 5" | 127 | 148 | 10 | 145 | 30 | 435 | -0.92 | 900 | 6750 | 40-46-61 | |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature.
 Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio.
 Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.



IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service.
 Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.



-40°C / + 80°C
 -40°F / +176°F

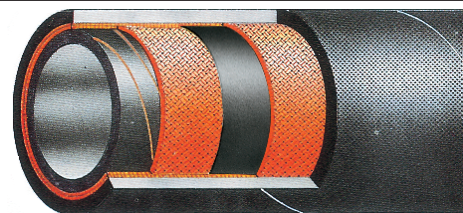
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL KEMI SDFC/10 XLPE ACID - SOLVENT AND CHEMICAL S/D XLPE HOSE W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|---|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |   |
|------------------------------------|----------|---------------------------------------|---|

Acid-Solvent and Chemical Delivery

XLPE-EN 12115



TUBE : CHEMICALS, SOLVENTS, PETROLEUM PRODUCTS & OIL RESISTANT TRANSLUCENT XLPE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, AND 2 ANTISTATIC COPPER WIRES.
 COVER : WEATHER, OZONE, FLAME AND ABRASION RESISTANT CR RUBBER.
 APPLICATION : FOR DISCHARGE WIDE RANGE OF CHEMICALS, PETROLEUM PRODUCTS, OILS, HIGH AROMATIC SOLVENTS, ALCOHOL ETC.
 (SEE SEL CHEMICAL RESISTANCE CHART).



SEELE : GEGEN CHEMIKALIEN, LÖSUNGSMITTEL, ERDÖLPRODUKTE UND ÖLE BESTÄNDIGER, TRANSPARENTE XLPE - BESCHICHTUNG.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT 2 ANTISTATISCHE KUPFERLITZEN.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER; FLAMMWIDRIGER CR GUMMI.
 ANWENDUNG : DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN; ERDÖLPRODUKTE, ÖLE, HOCHAROMATISCHE LÖSUNGSMITTEL, ALKOHOL USW.
 (SIEHE SEL BESTÄNDIGKEITSLISTE).



SOTTOSTRATO : XLPE TRANSPARENTE RESISTENTE AI SOLVENTI, PRODOTTI CHIMICI, PETROLIFERI E OLI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON 2 CORDICELLE DI RAME ANTISTATICHE.
 COPERTURA : GOMMA IN CR RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI CHIMICI, PETROLIFERI, ALCOLICI, SOLVENTI SPECIALI ED OLI.
 (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA).



TUBE : XLPE TRANSLUCIDE RESISTANT AUX SOLVANTS, PRODUITS CHIMIQUES, PETROLIERS ET HUILES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET 2 FILS DE MASSE ANTISTATIQUES.
 REVETEMENT : CAOUTCHOUC CR, RESISTANT A L'ABRASION, A L'OZONE, A LA FLAMME ET AUX AGENTS ATMOSPERIQUES.
 APPLICATION : POUR REFOULEMENT DE PRODUITS CHIMIQUES, PETROLIERS, SOLVANTS AROMATIQUES, ALCOOL ET HUILES ETC
 (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL).

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 3/4" | 19 | 31 | 16 | 232 | 64 | 928 | 187 | 598 | 40-46-61 |
| 1" | 25.4 | 37 | 16 | 232 | 64 | 928 | 225 | 712 | 40-46-61 |
| 1 1/4" | 32 | 44 | 16 | 232 | 64 | 928 | 262 | 925 | 40-46-61 |
| 1 1/2" | 38 | 51 | 16 | 232 | 64 | 928 | 338 | 1191 | 40-46-61 |
| 2" | 50.8 | 67 | 16 | 232 | 64 | 928 | 410 | 1909 | 40-46-61 |
| 2 1/2" | 63.5 | 79 | 16 | 232 | 64 | 928 | 450 | 2217 | 40-46-61 |
| 3" | 76.2 | 92 | 16 | 232 | 64 | 928 | 525 | 2652 | 40-46-61 |
| 4" | 101.6 | 118 | 16 | 232 | 64 | 928 | 675 | 3651 | 40-46-61 |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature.
 Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.
WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.
IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio.
 Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.
IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service.
 Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.



MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

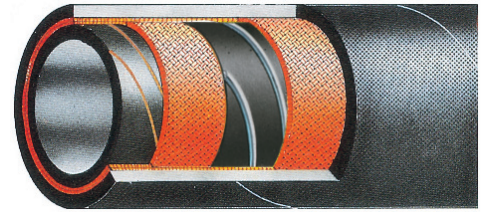
SEL KEMI D/16 XLPE ACID - SOLVENT AND CHEMICAL DELIVERY HOSE - TS EN 12115 - XLPE - TYPE D - M - W.P. 16 Bar (232 PSI)

| | | | |
|------------------------------------|--------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 12115 TYPE D | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--------------------|---------------------------------------|--|



Acid-Solvent and Chemical S&D

XLPE-EN 12115



TUBE : CHEMICALS, SOLVENTS, PETROLEUM PRODUCTS & OIL RESISTANT TRANSLUCENT XLPE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND 2 ANTISTATIC COPPER WIRES.
 COVER : WEATHER, OZONE, ABRASION AND FLAME RESISTANT CR RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE WIDE RANGE OF CHEMICALS, PETROLEUM PRODUCTS, OILS, HIGH AROMATIC SOLVENTS, ALCOHOL ETC.
 (SEE SEL CHEMICAL RESISTANCE CHART).



SEELE : GEGEN CHEMIKALIEN, LÖSUNGSMITTEL, ERDÖLPRODUKTE UND ÖLE BESTÄNDIGER, TRANSPARENTE XLPE - BESCHICHTUNG.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT 2 STAHLDRAHTSPIRALEN UND 2 ANTISTATISCHER KUPFERLITZEN.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, FLAMMWIDRIGER CR GUMMI.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN; ERDÖLPRODUKTE, ÖLE, HOCHAROMATISCHE LÖSUNGSMITTEL, ALKOHOL USW.
 (SIEHE SEL BESTÄNDIGKEITSLISTE).



SOTTOSTRATO : XLPE TRANSPARENTE RESISTENTE AI SOLVENTI, PRODOTTI CHIMICI, PETROLIFERI E OLI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, CON 2 SPIRALI D'ACCIAIO E 2 CORDICELLE DI RAME ANTISTATICHE.
 COPERTURA : GOMMA IN CR RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI CHIMICI, PETROLIFERI, ALCOLICI, SOLVENTI SPECIALI ED OLI.
 (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA).



TUBE : XLPE TRANSLUCIDE RESISTANT AUX SOLVANTS, PRODUITS CHIMIQUES, PETROLIERS ET HUILES.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET 2 FILS DE MASSE ANTISTATIQUES.
 REVETEMENT : CAOUTCHOUC CR, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE PRODUITS CHIMIQUES, PETROLIERS, SOLVANTS AROMATIQUES, ALCOOL ET HUILES ETC
 (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL).

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 31 | 16 | 232 | 64 | 928 | -0.92 | 187 | 644 | 40-46-61 | |
| 1" | 25.4 | 37 | 16 | 232 | 64 | 928 | -0.92 | 225 | 816 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 16 | 232 | 64 | 928 | -0.92 | 262 | 1024 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 16 | 232 | 64 | 928 | -0.92 | 338 | 1382 | 40-46-61 | |
| 2" | 50.8 | 67 | 16 | 232 | 64 | 928 | -0.92 | 410 | 2240 | 40-46-61 | |
| 2 1/2" | 63.5 | 79 | 16 | 232 | 64 | 928 | -0.92 | 450 | 2652 | 40-46-61 | |
| 3" | 76.2 | 92 | 16 | 232 | 64 | 928 | -0.92 | 525 | 3266 | 40-46-61 | |
| 4" | 101.6 | 118 | 16 | 232 | 64 | 928 | -0.92 | 675 | 4839 | 40-46-61 | |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature.
 Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio.
 Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.

IMPORTANT : Mentionner avec la commande les caractéristiques de la matière, la concentration et la pression de service.
 Les autres diamètres, pressions, couleurs, type de revêtement et double hélice acier peuvent être produits selon la commande.



-40°C / + 80°C
 -40°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



KEMI SD/16 XLPE ACID - SOLVENT AND CHEMICAL S/D HOSE - TS EN 12115 - XLPE - TYPE SD - M - W.P. 16 Bar (232 PSI)



NORMS
 NORMEN
 NORME
 NORMES

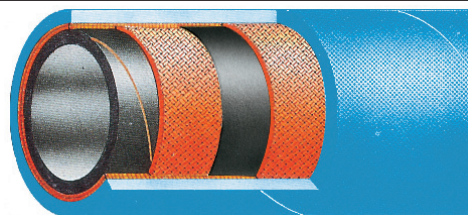
TS EN 12115 TYPE SD

COLOUR
 FARBEN
 COLORI
 COULEUR



Acid-Solvent and Chemical Delivery

UHMW-PE



TUBE : TRANSLUCENT, FOOD GRADE UHMW-PE LINER SUITABLE FOR WIDE RANGE OF CORROSIVE CHEMICALS AND SOLVENTS.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRES.
 COVER : WEATHER, OZONE, ABRASION RESISTANT EPDM RUBBER.
 APPLICATION : FOR DISCHARGE OF ALL CORROSIVE CHEMICALS, ESPECIALLY HIGH AROMATIC SOLVENTS (SEE SEL CHEMICAL RESISTANCE CHART).



SEELE : GEGEN KORROSIVE CHEMIKALIEN UND LÖSUNGSMITTEL BESTÄNDIGER, TRANSPARENTER, LEBENSMITTELECHTER UHMW-PE INLINER.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI.
 ANWENDUNG : DRUCKSCHLAUCH GEEIGNET FÜR VIELE KORROSIVE CHEMIKALIEN, HOCHAROMATISCHE LÖSUNGSMITTEL (SIEHE SEL BESTÄNDIGKEITSLISTE).



SOTTOSTRATO : UHMW-PE - TRANSPARENTE, DI QUALITÀ ALIMENTARE, RESISTENTE AI PRODOTTI CHIMICI ALTAMENTE CORROSIVI E SOLVENTI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA IN EPDM RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI CHIMICI CORROSIVI, INCLUSI GLI AROMATICI, SOLVENTI ETC. (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA).



TUBE : UHMW-PE TRANSLUCIDE, DE QUALITE ALIMENTAIRE, RESISTANT AUX PRODUITS CHIMIQUES CORROSIFS.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE TOUTS LES PRODUITS CHIMIQUES CORROSIFS. EN PARTICULIER LES SOLVANTS AROMATIQUES (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL).

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/4" | 19 | 30 | 10 | 145 | 40 | 580 | 563 | 40-46-61 |
| 1" | 25.4 | 36 | 10 | 145 | 40 | 580 | 662 | 40-46-61 |
| 1 1/4" | 32 | 45 | 10 | 145 | 40 | 580 | 1185 | 40-46-61 |
| 1 1/2" | 38 | 51 | 10 | 145 | 40 | 580 | 1584 | 40-46-61 |
| 1 3/4" | 44.5 | 59 | 10 | 145 | 40 | 580 | 1750 | 40-46-61 |
| 2" | 50.8 | 65 | 10 | 145 | 40 | 580 | 2230 | 40-46-61 |
| 2 1/2" | 63.5 | 79 | 10 | 145 | 40 | 580 | 2500 | 40-46-61 |
| 2 3/4" | 70 | 86 | 10 | 145 | 40 | 580 | 2705 | 40-46-61 |
| 3" | 76.2 | 92 | 10 | 145 | 40 | 580 | 3765 | 40-46-61 |
| 4" | 101.6 | 118 | 10 | 145 | 40 | 580 | 3210 | 40-46-61 |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature. Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.
WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.
IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio. Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.
IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service. Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.



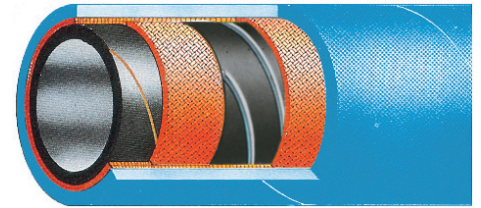
-40°C / + 80°C
 -40°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL KEMI D/10 UHMW-PE ACID - SOLVENT AND CHEMICAL DELIVERY UHMW-PE HOSE W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Acid-Solvent and Chemical S&D



UHMW-PE



TUBE : TRANSLUCENT, FOOD GRADE UHMW-PE LINER SUITABLE FOR WIDE RANGE OF CORROSIVE CHEMICALS AND SOLVENTS.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : WEATHER, OZONE, ABRASION RESISTANT EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF ALL CORROSIVE CHEMICALS, ESPECIALLY HIGH AROMATIC SOLVENTS (SEE SEL CHEMICAL RESISTANCE CHART).



SEELE : GEGEN KORROSIVE CHEMIKALIEN UND LÖSUNGSMITTEL BESTÄNDIGER, TRANSPARENTER, LEBENSMITTELECHTER UHMW-PE INLINER.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH GEEIGNET FÜR VIELE KORROSIVE CHEMIKALIEN, HOCHAROMATISCHE LÖSUNGSMITTEL (SIEHE SEL BESTÄNDIGKEITSLISTE).



SOTTOSTRATO : UHMW-PE - TRANSPARENTE, DI QUALITÀ ALIMENTARE, RESISTENTE AI PRODOTTI CHIMICI ALTAMENTE CORROSIVI E SOLVENTI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA IN EPDM RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI CHIMICI CORROSIVI, INCLUSI GLI AROMATICI, SOLVENTI ETC. (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA).



TUBE : UHMW-PE TRANSLUCIDE, DE QUALITE ALIMENTAIRE, RESISTANT AUX PRODUITS CHIMIQUES CORROSIFS.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE TOUS LES PRODUITS CHIMIQUES CORROSIFS. EN PARTICULIER LES SOLVANTS AROMATIQUES (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL).

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|--------|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 31 | 10 | 145 | 40 | 580 | -0.92 | 80 | 690 | 40-46-61 |
| 1" | 25.4 | 37 | 10 | 145 | 40 | 580 | -0.92 | 110 | 815 | 40-46-61 |
| 1 1/4" | 32 | 45 | 10 | 145 | 40 | 580 | -0.92 | 165 | 1120 | 40-46-61 |
| 1 1/2" | 38 | 52 | 10 | 145 | 40 | 580 | -0.92 | 225 | 1495 | 40-46-61 |
| 1 3/4" | 44.5 | 59 | 10 | 145 | 40 | 580 | -0.92 | 285 | 1815 | 40-46-61 |
| 2" | 50.8 | 67 | 10 | 145 | 40 | 580 | -0.92 | 350 | 2275 | 40-46-61 |
| 2 1/2" | 63.5 | 80 | 10 | 145 | 40 | 580 | -0.92 | 450 | 2775 | 40-46-61 |
| 2 3/4" | 70 | 87 | 10 | 145 | 40 | 580 | -0.92 | 550 | 3175 | 40-46-61 |
| 3" | 76.2 | 93 | 10 | 145 | 40 | 580 | -0.92 | 800 | 3315 | 40-46-61 |
| 4" | 101.6 | 120 | 10 | 145 | 40 | 580 | -0.92 | 1200 | 4880 | 40-46-61 |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature.
 Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.
WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.
IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio.
 Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.
IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service.
 Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.



-40°C / + 80°C
 -40°F / +176°F

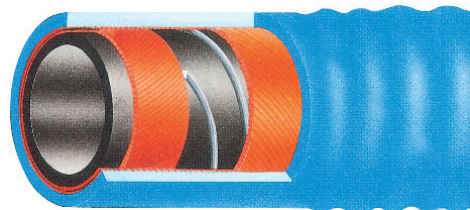
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Acid-Solvent and Chemical S&D

CORRUGATED - UHMW-PE



TUBE : TRANSLUCENT, FOOD GRADE UHMW-PE LINER SUITABLE FOR WIDE RANGE OF CORROSIVE CHEMICALS AND SOLVENTS.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : WEATHER, OZONE, ABRASION RESISTANT CORRUGATED EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF ALL CORROSIVE CHEMICALS, ESPECIALLY HIGH AROMATIC SOLVENTS (SEE SEL CHEMICAL RESISTANCE CHART).



SEELE : GEGEN KORROSIVE CHEMIKALIEN UND LÖSUNGSMITTEL BESTÄNDIGER, TRANSPARENTER, LEBENSMITTELECHTER UHMW-PE INLINER.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI, GEWELLT.
 ANWENDUNG : SAUG- DRUCKSCHLAUCH GEEIGNET FÜR VIELE KORROSIVE CHEMIKALIEN, HOCHAROMATISCHE LÖSUNGSMITTEL (SIEHE SEL BESTÄNDIGKEITSLISTE).



SOTTOSTRATO : UHMW-PE - TRANSPARENTE, DI QUALITÀ ALIMENTARE, RESISTENTE AI PRODOTTI CHIMICI ALTAMENTE CORROSIVI E SOLVENTI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA IN EPDM ONDULATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI CHIMICI CORROSIVI, INCLUSI GLI AROMATICI, SOLVENTI ETC. (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA).



TUBE : UHMW-PE TRANSLUCIDE, DE QUALITE ALIMENTAIRE, RESISTANT AUX PRODUITS CHIMIQUES CORROSIFS.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC EPDM ONDULE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE TOUS LES PRODUITS CHIMIQUES CORROSIFS. EN PARTICULIER LES SOLVANTS AROMATIQUES (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL).

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|-------|--------|------|----------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 3/4" | 19 | 29 | 10 | 145 | 40 | 580 | -0.92 | 90 | 565 | 40-46-61 | |
| 1" | 25.4 | 36 | 10 | 145 | 40 | 580 | -0.92 | 125 | 760 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 10 | 145 | 40 | 580 | -0.92 | 160 | 1080 | 40-46-61 | |
| 1 1/2" | 38 | 50 | 10 | 145 | 40 | 580 | -0.92 | 195 | 1235 | 40-46-61 | |
| 2" | 50.8 | 65 | 10 | 145 | 40 | 580 | -0.92 | 300 | 1955 | 40-46-61 | |
| 2 1/2" | 63.5 | 78 | 10 | 145 | 40 | 580 | -0.92 | 400 | 2325 | 40-46-61 | |
| 3" | 76.2 | 91 | 10 | 145 | 40 | 580 | -0.92 | 550 | 2985 | 40-46-61 | |
| 4" | 101.6 | 118 | 10 | 145 | 40 | 580 | -0.92 | 650 | 4280 | 40-46-61 | |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature. Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio. Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.

IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service. Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.



-40°C / + 80°C
 -40°F / +176°F

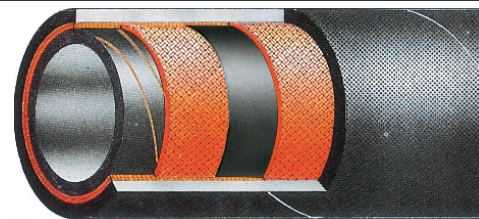
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL KEMI SDC/10 UHMW-PE ACID - SOLVENT AND CHEMICAL S/D UHMW-PE HOSE W.P. 10 Bar (145 PSI)

| | | | | | |
|------------------------------------|----------|---------------------------------------|--|--|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | | | |
|------------------------------------|----------|---------------------------------------|--|--|--|

Acid-Solvent and Chemical Delivery

UHMW-PE EN 12115



TUBE : TRANSLUCENT, FOOD GRADE UHMW-PE LINER SUITABLE FOR WIDE RANGE OF CORROSIVE CHEMICALS AND SOLVENTS.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND 2 ANTISTATIC COPPER WIRE.
 COVER : WEATHER, OZONE, ABRASION RESISTANT EPDM RUBBER.
 APPLICATION : FOR DISCHARGE OF ALL CORROSIVE CHEMICALS, ESPECIALLY HIGH AROMATIC SOLVENTS (SEE SEL CHEMICAL RESISTANCE CHART).



SEELE : GEGEN KORROSIVE CHEMIKALIEN UND LÖSUNGSMITTEL BESTÄNDIGER, TRANSPARENTER, LEBENSMITTELECHTER UHMW-PE INLINER.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND 2 ANTISTATISCHER KUPFERLITZEN.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI.
 ANWENDUNG : DRUCKSCHLAUCH GEEIGNET FÜR VIELE KORROSIVE CHEMIKALIEN, HOCHAROMATISCHE LÖSUNGSMITTEL (SIEHE SEL BESTÄNDIGKEITSLISTE).



SOTTOSTRATO : UHMW-PE - TRANSPARENTE, DI QUALITÀ ALIMENTARE, RESISTENTE AI PRODOTTI CHIMICI ALTAMENTE CORROSIVI E SOLVENTI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON 2 CORDICELLE DI RAME ANTISTATICHE.
 COPERTURA : GOMMA IN EPDM RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI CHIMICI CORROSIVI, INCLUSI GLI AROMATICI, SOLVENTI ETC. (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA)."



TUBE : UHMW-PE TRANSLUCIDE, DE QUALITE ALIMENTAIRE, RESISTANT AUX PRODUITS CHIMIQUES CORROSIFS.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET 2 FILS DE MASSE ANTISTATIQUES.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE TOUS LES PRODUITS CHIMIQUES CORROSIFS. EN PARTICULIER LES SOLVANTS AROMATIQUES (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL).

| ID | | OD | | WP | | BP | | BR/r | W | L |
|--------|-------|-----|----|-----|-----|-----|-----|------|----------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 3/4" | 19 | 31 | 16 | 232 | 64 | 928 | 187 | 612 | 40-46-61 | |
| 1" | 25.4 | 37 | 16 | 232 | 64 | 928 | 225 | 755 | 40-46-61 | |
| 1 1/4" | 32 | 44 | 16 | 232 | 64 | 928 | 262 | 941 | 40-46-61 | |
| 1 1/2" | 38 | 51 | 16 | 232 | 64 | 928 | 338 | 1196 | 40-46-61 | |
| 2" | 50.8 | 67 | 16 | 232 | 64 | 928 | 410 | 1939 | 40-46-61 | |
| 2 1/2" | 63.5 | 79 | 16 | 232 | 64 | 928 | 450 | 2301 | 40-46-61 | |
| 3" | 76.2 | 92 | 16 | 232 | 64 | 928 | 525 | 2747 | 40-46-61 | |
| 4" | 101.6 | 118 | 16 | 232 | 64 | 928 | 675 | 3785 | 40-46-61 | |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature. Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.
WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.
IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio. Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.
IMPORTANT : Mentionner avec la commande les caractéristiques de la matière, la concentration et la pression de service. Les autres diamètres, pressions, couleurs, type de revêtement et double hélice acier peuvent être produits selon la commande.



-40°C / + 80°C
 -40°F / +176°F

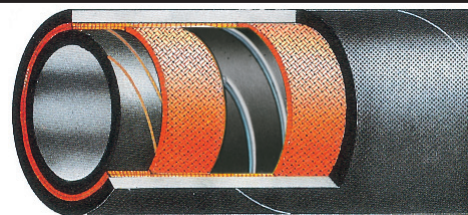
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL KEMI D/16 UHMW-PE ACID-SOLVENT AND CHEMICAL DELIVERY HOSE - TS EN 12115 - UHMW-PE - TYPE D - M - W.P. 16 Bar (232 PSI)

| | | | |
|------------------------------------|--------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 12115 TYPE D | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|--------------------|---------------------------------------|--|

Acid-Solvent and Chemical S&D

UHMW-PE EN 12115



TUBE : TRANSLUCENT, FOOD GRADE UHMW-PE LINER SUITABLE FOR WIDE RANGE OF CORROSIVE CHEMICALS AND SOLVENTS.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND 2 ANTISTATIC COPPER WIRE.
 COVER : WEATHER, OZONE, ABRASION RESISTANT EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF ALL CORROSIVE CHEMICALS, ESPECIALLY HIGH AROMATIC SOLVENTS (SEE SEL CHEMICAL RESISTANCE CHART).



SEELE : GEGEN KORROSIVE CHEMIKALIEN UND LÖSUNGSMITTEL BESTÄNDIGER, TRANSPARENTER, LEBENSMITTELECHTER UHMW-PE INLINER.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND 2 ANTISTATISCHE KUPFERLITZEN.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI.
 ANWENDUNG : SAUG- DRUCKSCHLAUCH GEEIGNET FÜR VIELE KORROSIVE CHEMIKALIEN, HOCHAROMATISCHE LÖSUNGSMITTEL (SIEHE SEL BESTÄNDIGKEITSLISTE).



SOTTOSTRATO : UHMW-PE - TRANSPARENTE, DI QUALITÀ ALIMENTARE, RESISTENTE AI PRODOTTI CHIMICI ALTAMENTE CORROSIVI E SOLVENTI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, CON SPIRALE D'ACCIAIO E 2 CORDICELLE DI RAME ANTISTATICHE.
 COPERTURA : GOMMA IN EPDM RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI CHIMICI CORROSIVI, INCLUSI GLI AROMATICI, SOLVENTI ETC. (VEDERE LA TABELLA SEL DELLA RESISTENZA CHIMICA).



TUBE : UHMW-PE TRANSLUCIDE, DE QUALITE ALIMENTAIRE, RESISTANT AUX PRODUITS CHIMIQUES CORROSIFS.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET 2 FILS DE MASSE ANTISTATIQUES.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE TOUS LES PRODUITS CHIMIQUES CORROSIFS. EN PARTICULIER LES SOLVANTS AROMATIQUES (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL).

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|--------|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3/4" | 19 | 31 | 16 | 232 | 64 | 928 | -0.92 | 187 | 674 | 40-46-61 |
| 1" | 25.4 | 37 | 16 | 232 | 64 | 928 | -0.92 | 225 | 826 | 40-46-61 |
| 1 1/4" | 32 | 44 | 16 | 232 | 64 | 928 | -0.92 | 262 | 1044 | 40-46-61 |
| 1 1/2" | 38 | 51 | 16 | 232 | 64 | 928 | -0.92 | 338 | 1393 | 40-46-61 |
| 2" | 50.8 | 67 | 16 | 232 | 64 | 928 | -0.92 | 410 | 2245 | 40-46-61 |
| 2 1/2" | 63.5 | 79 | 16 | 232 | 64 | 928 | -0.92 | 450 | 2620 | 40-46-61 |
| 3" | 76.2 | 92 | 16 | 232 | 64 | 928 | -0.92 | 525 | 3223 | 40-46-61 |
| 4" | 101.6 | 118 | 16 | 232 | 64 | 928 | -0.92 | 675 | 4568 | 40-46-61 |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature. Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.
WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.
IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio. Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.
IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service. Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.

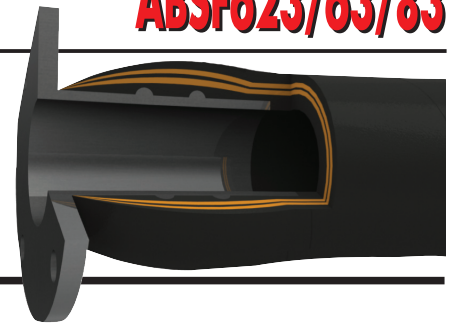


MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL KEMI SD/16 UHMW-PE ACID - SOLVENT AND CHEMICAL S/D HOSE - TS EN 12115 - UHMW-PE - TYPE SD - M - W.P. 16 Bar (232 PSI)

| | | | |
|------------------------------------|---------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | TS EN 12115 TYPE SD | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|---------------------|---------------------------------------|--|

Chemical Hose With Built-in Flanges



TUBE : SPECIAL SYNTHETIC RUBBER, XLPE OR UHMW-PE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF CHEMICAL PRODUCTS.



SEELE : SPEZIELLER SYNTHETISCHER GUMMI, XLPE ODER UHMW-PE.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH FÜR CHEMIKALIEN (SIEHE SEL BESTÄNDIGKEITSLISTE).



SOTTOSTRATO : GOMMA SPECIALE SINTETICA, XLPE O UHMW-PE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI CHIMICI.



TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL, XLPE OU UHMW-PE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE PRODUITS CHIMIQUES.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|------|-------|-----|-----|-----|-----|-----|-------|--------|-------|--------|---|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m | |
| 2" | 50.8 | 72 | 10 | 145 | 40 | 580 | -0.80 | 200 | 3500 | 6 ~ 40 | |
| 3" | 76.2 | 100 | 10 | 145 | 40 | 580 | -0.80 | 400 | 5560 | 6 ~ 40 | |
| 4" | 101.6 | 129 | 10 | 145 | 40 | 580 | -0.80 | 500 | 7970 | 6 ~ 40 | |
| 5" | 127 | 162 | 10 | 145 | 40 | 580 | -0.80 | 650 | 14070 | 6 ~ 40 | |
| 6" | 152.4 | 190 | 10 | 145 | 40 | 580 | -0.80 | 750 | 17325 | 6 ~ 40 | |
| 8" | 203 | 243 | 10 | 145 | 40 | 580 | -0.80 | 950 | 24150 | 6 ~ 12 | |
| 10" | 254 | 302 | 10 | 145 | 40 | 580 | -0.80 | 1200 | 38630 | 6 ~ 12 | |
| 12" | 305.8 | 356 | 10 | 145 | 40 | 580 | -0.80 | 1500 | 48500 | 6 ~ 12 | |
| 14" | 355.6 | 408 | 10 | 145 | 40 | 580 | -0.80 | 2150 | 60000 | 6 ~ 12 | |
| 16" | 406 | 460 | 10 | 145 | 40 | 580 | -0.80 | 2800 | 72500 | 6 ~ 12 | |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature.
 Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio.
 Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.

IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service.
 Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.

NOTES ON ORDERING

A - Inside diameter
 B - Length (Overall Length)
 C - Working pressure
 D - Type ends or end fittings
 E - Applications (Much detail as possible)
 F - Working temperature

BEMERKUNGEN ZUM AUFTRAG

A - Innendurchmesser
 B - Schlauchlänge F-F
 C - Betriebsdruck
 D - Flanschbezeichnung
 E - Einsatzbedingungen (Möglichst viele information angeben)
 F - Betriebstemperatur

NOTE ORDINI

A - Diametro interno
 B - Lunghezza (Flange Incluso)
 C - Pressione di lavoro
 D - Specificazioni per le flange
 E - Applicazione (Massimo dettagli possibile)
 F - Temperatura di lavoro

PRECISIONS NECESSAIRES

A - Diametre interieur
 B - Longueur (Brides incluses)
 C - Pression de service
 D - Specificaions des brides
 E - Applications (Plus de details possible)
 F - Temperature de travail



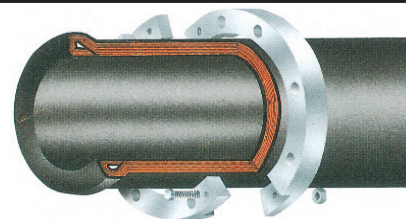
-40°C / + 65°C
 -40°F / +149°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Chemical Hose with Rubber Beaded-End With Flange



TUBE : CORROSION AND ABRASION RESISTANT, SPECIAL SYNTHETIC RUBBER, XLPE OR UHMW-PE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF ALL CORROSIVE CHEMICALS AND SOLVENTS.



SEELE : SPEZIELLER SYNTHETISCHER GUMMI, XLPE ODER UHMW-PE, BESTÄNDIG GEGEN KORROSIVE UND ABRASIVE CHEMIKALIEN.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON- UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER SPEZIELLER SYNTHETISCHER GUMMI.
 ANWENDUNG : SAUG - DRUCKSCHLAUCH FÜR KORROSIVE UND ABRASIVE CHEMIKALIEN (SIEHE SEL BESTÄNDIGKEITSLISTE).



SOTTOSTRATO : GOMMA SPECIALE SINTETICA, XLPE O UHMW-PE, RESISTENTE ALLA CORROSIONE E ALL' ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA SPECIALE SINTETICA RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI CHIMICI CORROSIVI E SOLVENTI.



TUBE : CAOUTCHOUC SYNTHETIQUE SPECIAL, XLPE OU UHMW-PE, RESISTANT A LA CORROSION ET L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE TOUS LES PRODUITS CORROSIFS CHIMIQUES ET SOLVANTS.

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|-----|-----|-----|-----|-----|--------|------|-------|----------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3 1/8" | 80 | 103 | 10 | 145 | 40 | 580 | -0.80 | 350 | 4150 | 1.5 ~ 20 |
| 4" | 101.6 | 126 | 10 | 145 | 40 | 580 | -0.80 | 500 | 5595 | 1.5 ~ 20 |
| 5" | 127 | 155 | 10 | 145 | 40 | 580 | -0.80 | 600 | 8170 | 1.5 ~ 20 |
| 6" | 152.4 | 183 | 10 | 145 | 40 | 580 | -0.80 | 750 | 10460 | 1.5 ~ 20 |
| 8" | 203 | 236 | 10 | 145 | 40 | 580 | -0.80 | 1100 | 15350 | 1.5 ~ 20 |
| 10" | 254 | 291 | 10 | 145 | 40 | 580 | -0.80 | 1500 | 20750 | 1.5 ~ 10 |
| 12" | 298 | 336 | 10 | 145 | 40 | 580 | -0.80 | 1800 | 26100 | 1.5 ~ 10 |

IMPORTANT : When ordering: Clearly specify working conditions such as characteristics of fluid, concentration and working temperature.
 Other diameters, pressures, colours, cover type and double steel wire helix can be made upon request.

WICHTIG : Bei Aufträgen bitte Material, Konzentrat und Betriebsdruck genau angeben. Weitere Sonderwünsche wie besondere Abmessungen, Aufdrucktypen, Farben, Aussengummi und Doppelspirale auf Anfrage möglich.

IMPORTANTE : In sede d'ordine specificare: Caratteristiche del fluido, della concentrazione e della temperatura d'esercizio.
 Altri diametri, pressioni, colori, tipo di copertura e doppio spirale d'acciaio realizzabili su richiesta.

IMPORTANT : Mentionner avec la commande les caracteristiques de la matiere, la concentration et la pression de service.
 Les autres diametres, pressions, couleurs, type de revetement et double helice acier peuvent etre produits selon la commande.

NOTES ON ORDERING

A - Inside diameter
 B - Length (Overall Length)
 C - Working pressure
 D - Type ends or end fittings
 E - Applications (Much detail as possible)
 F - Working temperature

BEMERKUNGEN ZUM AUFTRAG

A - Innendurchmesser
 B - Schlauchlänge F-F
 C - Betriebsdruck
 D - Flanschbezeichnung
 E - Einsatzbedingungen (Möglichst viele information angeben)
 F - Betriebstemperatur

NOTE ORDINI

A - Diametro interno
 B - Lunghezza (Flange Incluso)
 C - Pressione di lavoro
 D - Specificazioni per le flange
 E - Applicazione (Massimo dettagli possibile)
 F - Temperatura di lavoro

PRECISIONS NECESSAIRES

A - Diametre interieur
 B - Longueur (Brides incluses)
 C - Pression de service
 D - Specificaions des brides
 E - Applications (Plus de details possible)
 F - Temperature de travail



-40°C / + 65°C
 -40°F / +149°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|---------------------------------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | FLANGES NORM: PN 10 PN 16 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|---------------------------------|---------------------------------------|--|

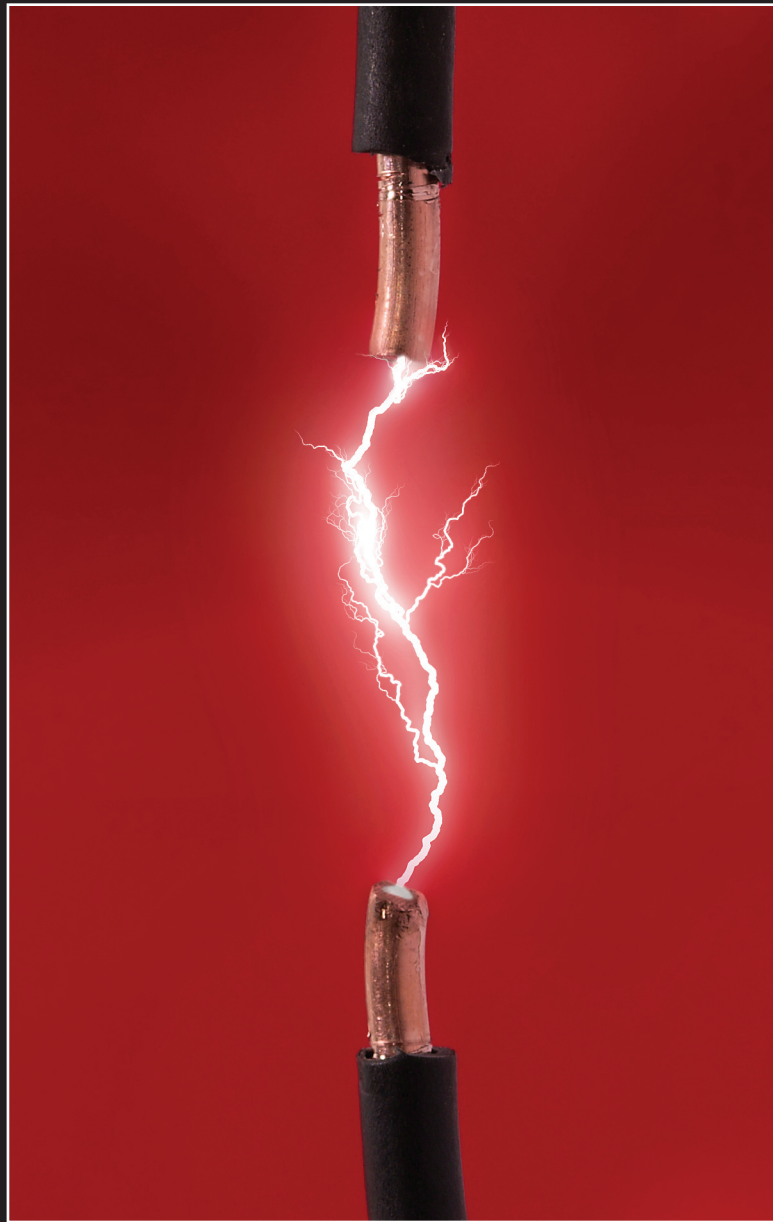


Cable Protection

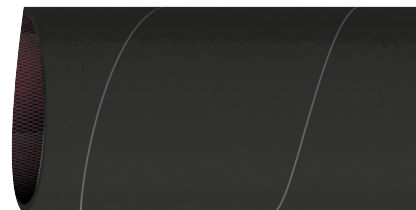
Kabelschutz

Protezione Cavi

Gaines de Protections



Cable Protection for Electrical Welding



TUBE : RUBBERIZED SYNTHETIC TEXTILE
 COVER : ABRASION AND WEATHER RESISTANT, BLACK, NON-CONDUCTIVE, SYNTHETIC RUBBER
 APPLICATION : CABLE PROTECTION IN INDUSTRIAL APPLICATIONS AND WELDING MACHINES.



SEELE : KAUSCHUK MIT SYNTHETISCHER TEXTILEINKLAGE.
 DECKE : ABRIEB-, UND WITTERUNGSBESTÄNDIG SCHWARZES SYNTHETISCHES-GUMMI, ISOLIEREND.
 ANWENDUNG : SCHÜTZT INDUSTRIESCHLÄUCHE IN INDUSTRIE UND SCHWEIßBEREICHEN.



SOTTOSTRATO : TESSUTO SINTETICO GOMMATO.
 COPERTURA : GOMMA SPECIALE SINTECITA, NERA, NON CONDUTTIVA RESISTENTE ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER RIVESTIMENTO DEI CAVI ELETTRICI PER APPLICAZIONI INDUSTRIALI E NELLE MACCHINE SALDATRICI.



TUBE : TEXTILE SYNTHETIQUE IMPREGNE DE CAOUTCHOUC.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE NON-CONDUCTEUR, NOIR, RESISTANT A L'ABRASION ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : PROTECTION DE CABLES ELECTRIQUES POUR L'INDUSTRIE ET LES MACHINES DE SOUDAGE.

| ID | | OD | WP | | BP | | BR/r | W | L |
|---------|------|------|-----|-----|-----|-----|------|-----|----|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 5/8" | 16 | 19 | - | - | - | - | - | 96 | 61 |
| 3/4" | 19 | 22 | - | - | - | - | - | 111 | 61 |
| - | 20 | 23 | - | - | - | - | - | 100 | 61 |
| 7/8" | 22 | 25 | - | - | - | - | - | 106 | 61 |
| 1" | 25.4 | 27.4 | - | - | - | - | - | 124 | 61 |
| 1 1/8" | 28 | 31 | - | - | - | - | - | 131 | 61 |
| 1 3/16" | 30 | 33 | - | - | - | - | - | 143 | 61 |
| 1 1/4" | 32 | 35 | - | - | - | - | - | 164 | 61 |
| 1 3/8" | 35 | 38 | - | - | - | - | - | 180 | 61 |
| 1 1/2" | 38 | 41 | - | - | - | - | - | 192 | 61 |
| 1 9/16" | 40 | 43 | - | - | - | - | - | 204 | 61 |
| 1 5/8" | 42 | 45 | - | - | - | - | - | 222 | 61 |
| 1 3/4" | 44.5 | 48 | - | - | - | - | - | 240 | 61 |
| 2" | 50.8 | 54 | - | - | - | - | - | 253 | 61 |
| | 54 | 57 | - | - | - | - | - | 265 | 61 |
| 2 1/8" | 55 | 58 | - | - | - | - | - | 280 | 61 |
| 2 1/4" | 57 | 60 | - | - | - | - | - | 319 | 61 |



-30°C / + 80°C
 -22°F / +176°F

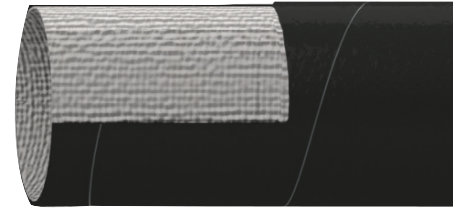
NORMS
 NORMEN
 NORME
 NORMES

ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Cable Protection for Electrical Welding



CONSTRUCTION : SYNTHETIC FULLENO.
 ABRASION AND WEATHER RESISTANT, BLACK, NON-CONDUCTIVE, SYNTHETIC RUBBER
 APPLICATION : CABLE PROTECTION IN INDUSTRIAL APPLICATIONS AND WELDING MACHINES.



KONSTRUKTION : SYNTHETISCHES FULLENO.
 ABRIEB-, UND WITTERUNGSBESTÄNDIG SCHWARZES SYNTHETISCHES-GUMMI, ISOLIEREND.
 ANWENDUNG : SCHÜTZT INDUSTRIESCHLÄUCHE IN INDUSTRIE UND SCHWEIßBEREICHEN.



COSTRUZIONE : SINTETICO FULLENO.
 GOMMA SPECIALE SINTECITA, NERA, NON CONDUTTIVA RESISTENTE ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER RIVESTIMENTO DEI CAVI ELETTRICI PER APPLICAZIONI INDUSTRIALI E NELLE MACCHINE SALDATRICI.



CONSTRUCTION : TEXTILE SYNTHETIQUE FULLENO.
 CAOUTCHOUC SYNTHETIQUE NON-CONDUCTEUR, NOIR, RESISTANT A L'ABRASION ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : PROTECTION DE CABLES ELECTRIQUES POUR L'INDUSTRIE ET LES MACHINES DE SOUDAGE.

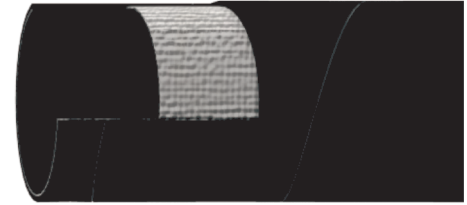
| ID | | OD | WP | | BP | | BR/r | W | L |
|---------|------|------|-----|-----|-----|-----|------|-----|----|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| - | 14 | 16 | - | - | - | - | - | 62 | 61 |
| - | 18 | 20 | - | - | - | - | - | 78 | 61 |
| - | 20 | 22 | - | - | - | - | - | 86 | 61 |
| 7/8" | 22 | 24 | - | - | - | - | - | 95 | 61 |
| - | 24 | 26 | - | - | - | - | - | 103 | 61 |
| 1" | 25.4 | 27.4 | - | - | - | - | - | 109 | 61 |
| 1 1/8" | 28 | 30 | - | - | - | - | - | 120 | 61 |
| 1 1/4" | 32 | 34 | - | - | - | - | - | 136 | 61 |
| 1 3/8" | 35 | 37 | - | - | - | - | - | 148 | 61 |
| 1 9/16" | 40 | 42 | - | - | - | - | - | 169 | 61 |
| 1 3/4" | 44.5 | 46.5 | - | - | - | - | - | 243 | 61 |
| 1 7/8" | 48 | 50 | - | - | - | - | - | 202 | 61 |



-30°C / + 80°C
 -22°F / +176°F

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Electrical Cable Protection for Trains



TUBE : BLACK, NON-CONDUCTIVE, SYNTHETIC RUBBER.
 REINFORCEMENT : SYNTHETIC FULLENO.
 COVER : ABRASION AND WEATHER RESISTANT, BLACK, NON-CONDUCTIVE, SYNTHETIC RUBBER
 APPLICATION : CABLE PROTECTION IN INDUSTRIAL APPLICATIONS AND RAILWAY.



SEELE : SCHWARZES SYNTHETISCHES-GUMMI, ISOLIEREND.
 EINLAGEN : SYNTHETISCHES FULLENO.
 DECKE : ABRIEB- UND WITTERUNGSBESTÄNDIG SCHWARZES SYNTHETISCHES-GUMMI, ISOLIEREND.
 ANWENDUNG : SCHÜTZT INDUSTRIESCHLÄUCHE IN INDUSTRIE UND EISENBAHN.



SOTTOSTRATO : GOMMA SPECIALE SINTECITA, NERA, NON CONDUTTIVA.
 RINFORZO : SINTETICO FULLENO.
 COPERTURA : GOMMA SPECIALE SINTECITA, NERA, NON CONDUTTIVA RESISTENTE ALL'ABRASIONE ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER RIVESTIMENTO DEI CAVI ELETTRICI PER APPLICAZIONI INDUSTRIALI E FERROVIE.



TUBE : CAOUTCHOUC SYNTHETIQUE NON-CONDUCTEUR, NOIR.
 RENFORCEMENT : TEXTILE SYNTHETIQUE FULLENO.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE NON-CONDUCTEUR, NOIR, RESISTANT A L'ABRASION ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : PROTECTION DE CABLES ELECTRIQUES POUR L'INDUSTRIELLE ET LES CHEMINS DE FER.

| ID | | OD | WP | | BP | | BR/r | W | L |
|---------|------|----|-----|-----|-----|-----|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 13/32" | 10 | 14 | - | - | - | - | - | 119 | 40-46-61 |
| | 12 | 17 | - | - | - | - | - | 170 | 40-46-61 |
| 1/2" | 12.7 | 18 | - | - | - | - | - | 187 | 40-46-61 |
| | 14 | 19 | - | - | - | - | - | 194 | 40-46-61 |
| | 15 | 20 | - | - | - | - | - | 206 | 40-46-61 |
| 5/8" | 16 | 21 | - | - | - | - | - | 218 | 40-46-61 |
| | 17 | 22 | - | - | - | - | - | 230 | 40-46-61 |
| | 18 | 23 | - | - | - | - | - | 242 | 40-46-61 |
| 3/4" | 19 | 24 | - | - | - | - | - | 253 | 40-46-61 |
| | 20 | 25 | - | - | - | - | - | 265 | 40-46-61 |
| 7/8" | 22 | 27 | - | - | - | - | - | 246 | 40-46-61 |
| | 24 | 29 | - | - | - | - | - | 313 | 40-46-61 |
| 1" | 25.4 | 30 | - | - | - | - | - | 329 | 40-46-61 |
| 1 1/8" | 28.6 | 33 | - | - | - | - | - | 360 | 40-46-61 |
| 1 1/6" | 30 | 35 | - | - | - | - | - | 384 | 40-46-61 |
| 1 1/4" | 32 | 37 | - | - | - | - | - | 408 | 40-46-61 |
| 1 3/8" | 35 | 40 | - | - | - | - | - | 443 | 40-46-61 |
| 1 9/16" | 40 | 45 | - | - | - | - | - | 503 | 40-46-61 |
| 1 5/8" | 42 | 47 | - | - | - | - | - | 526 | 40-46-61 |
| 1 3/4" | 45 | 50 | - | - | - | - | - | 556 | 40-46-61 |
| 1 7/8" | 48 | 53 | - | - | - | - | - | 598 | 40-46-61 |
| 2" | 50.8 | 56 | - | - | - | - | - | 657 | 40-46-61 |
| 2 1/4" | 57 | 63 | - | - | - | - | - | 881 | 40-46-61 |
| 2 3/8" | 60 | 66 | - | - | - | - | - | 894 | 40-46-61 |
| 2 3/4" | 70 | 76 | - | - | - | - | - | 1036 | 40-46-61 |
| 3 1/8" | 80 | 87 | - | - | - | - | - | 1422 | 40-46-61 |



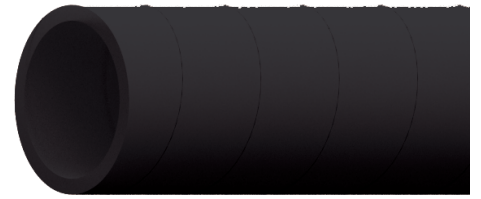
-30°C / + 80°C
 -22°F / +176°F

NORMS : FS 304188
 NORMEN : EN ISO 11925-2
 NORME : ASTM C542
 NORMES : ISO 1307

COLOUR :
 FARBEN :
 COLORI :
 COULEUR :



Mining Conduit Hose (non reinforced)



CONSTRUCTION : FLAME RESISTANT AND NON-CONDUCTIVE BLACK CR RUBBER.
APPLICATION : FOR ELECTRICAL CABLE PROTECTION IN MINES AND ON MINING EQUIPMENT.



KONSTRUKTION : SCHWARZES, BRANDFESTES CR-GUMMI, ISOLIEREND.
ANWENDUNG : SCHÜTZT INDUSTRIESCHLÄUCHE IN BERGBAU.



COSTRUZIONE : GOMMA SPECIALE CR, NERA, NON CONDUTTIVA RESISTENTE ALLA FIAMMA
IMPIEGO : PER RIVESTIMENTO DEI CAVI ELETTRICI NELLE MINIERE E ATTREZZATURA MINERARIA



CONSTRUCTION : CAOUTCHOUC CR, NOIR, NON-CONDUCTEUR, RESISTANT A LA FLAMME.
APPLICATION : POUR PROTECTION DE CABLES ELECTRIQUES DANS LES MINES ET LES EQUIPEMENTS MINIERS.

| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|------|------|-----|-----|-----|-----|------|------|----|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 13/32" | 10 | 20 | - | - | - | - | - | 327 | 61 |
| 1/2" | 12.7 | 23.5 | - | - | - | - | - | 409 | 61 |
| 5/8" | 16 | 27 | - | - | - | - | - | 484 | 61 |
| 3/4" | 19 | 30 | - | - | - | - | - | 552 | 61 |
| 7/8" | 22 | 33 | - | - | - | - | - | 634 | 61 |
| 1" | 25.4 | 36 | - | - | - | - | - | 697 | 61 |
| 1 1/8" | 28.6 | 39.5 | - | - | - | - | - | 789 | 61 |
| 1 1/4" | 32 | 42.5 | - | - | - | - | - | 829 | 61 |
| 1 3/8" | 35 | 46 | - | - | - | - | - | 914 | 61 |
| 1 1/2" | 38 | 49 | - | - | - | - | - | 982 | 61 |
| 1 3/4" | 45 | 55 | - | - | - | - | - | 1118 | 61 |
| 2" | 50.8 | 61.5 | - | - | - | - | - | 1272 | 61 |
| 2 1/4" | 57 | 68 | - | - | - | - | - | 1441 | 61 |
| 2 3/8" | 60 | 71 | - | - | - | - | - | 1510 | 61 |
| 2 1/2" | 63.5 | 74.5 | - | - | - | - | - | 1560 | 61 |
| 3" | 76.2 | 87 | - | - | - | - | - | 1848 | 61 |

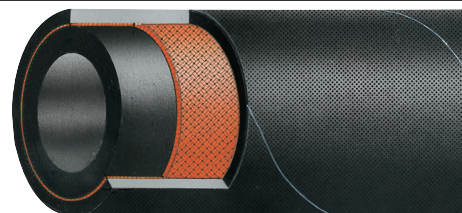
- * MEETS MSHA 2G-1C-34/3 FLAME-RESISTANT REQUIREMENTS.
- * ENTSPRICHT DEN MSHA 2G-1C-34/3 FLAMMBESTAENDEIKETSANFORDERUNGEN.
- * SODDISFA REQUISITI MSHA 2G-1C-34/3 DI RESISTENZA AL FUOCO.
- * REpond AUX EXIGENCES MSHA 2G-1C-34/3 RESISTANCE A LA FLAMME.




-30°C / + 80°C
-22°F / +176°F


| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|


Mining Conduit Hose (reinforced)



 TUBE : FLAME RESISTANT AND NON-CONDUCTIVE BLACK CR RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : FLAME RESISTANT AND NON-CONDUCTIVE BLACK CR RUBBER
 APPLICATION : FOR ELECTRICAL CABLE PROTECTION IN MINES AND ON MINING EQUIPMENT.

 SEELE : SCHWARZES, BRANDFESTES CR-GUMMI, ISOLIEREND.
 EINLAGEN : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : SCHWARZES, BRANDFESTES CR-GUMMI, ISOLIEREND.
 ANWENDUNG : SCHÜTZT INDUSTRIESCHLÄUCHE IN BERGBAU.


 SOTTOSTRATO : GOMMA SPECIALE CR, NERA, NON CONDUTTIVA RESISTENTE ALLA FIAMMA
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ
 COPERTURA : GOMMA SPECIALE CR, NERA, NON CONDUTTIVA RESISTENTE ALLA FIAMMA
 IMPIEGO : PER RIVESTIMENTO DEI CAVI ELETTIRICI NELLE MINIERE E Attrezzatura mineraria

 TUBE : CAOUTCHOUC CR, NOIR, NON-CONDUCTEUR, RESISTANT A LA FLAMME.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE
 REVETEMENT : CAOUTCHOUC CR, NOIR, NON-CONDUCTEUR, RESISTANT A LA FLAMME.
 APPLICATION : POUR PROTECTION DE CABLES ELECTRIQUES DANS LES MINES ET LES EQUIPEMENTS MINIERES.

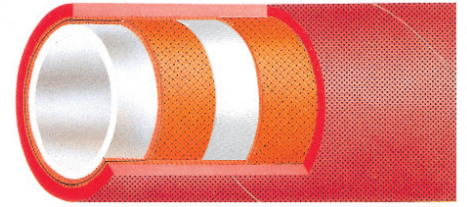
| ID | | OD | WP | | BP | | BR/r | W | L |
|--------|-------|------|-----|-----|-----|-----|------|------|----|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 1/2" | 12.7 | 24 | - | - | - | - | - | 396 | 61 |
| 5/8" | 16 | 27 | - | - | - | - | - | 444 | 61 |
| 3/4" | 19 | 30 | - | - | - | - | - | 506 | 61 |
| 7/8" | 22 | 33 | - | - | - | - | - | 568 | 61 |
| 1" | 25.4 | 36 | - | - | - | - | - | 639 | 61 |
| 1 1/8" | 28 | 40 | - | - | - | - | - | 767 | 61 |
| 1 1/4" | 32 | 43 | - | - | - | - | - | 776 | 61 |
| 1 3/8" | 35 | 46 | - | - | - | - | - | 838 | 61 |
| 1 1/2" | 38 | 49 | - | - | - | - | - | 900 | 61 |
| 1 3/4" | 45 | 56 | - | - | - | - | - | 1128 | 61 |
| 2" | 50.8 | 61.5 | - | - | - | - | - | 1165 | 61 |
| 2 1/4" | 57 | 68 | - | - | - | - | - | 1294 | 61 |
| 2 3/8" | 60 | 71 | - | - | - | - | - | 1356 | 61 |
| 2 1/2" | 63.5 | 74.5 | - | - | - | - | - | 1428 | 61 |
| 3" | 76.2 | 87 | - | - | - | - | - | 1619 | 61 |
| 4" | 101.6 | 113 | - | - | - | - | - | 2218 | 61 |

- * MEETS MSHA 2G-1C-34/3 FLAME-RESISTANT REQUIREMENTS.
- * ENTSPRICHT DEN MSHA 2G-1C-34/3 FLAMMBESTAENDIGKEITSANFORDERUNGEN.
- * SODDISFA REQUISITI MSHA 2G-1C-34/3 DI RESISTENZA AL FUOCO.
- * REpond AUX EXIGENCES MSHA 2G-1C-34/3 RESISTANCE A LA FLAMME.



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|--|

Insulating Hose for Cable



TUBE : INSULATING WHITE EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT INSULATING EPDM RUBBER.
 APPLICATION : TO COOL AND PROTECT ELECTRICAL CABLES IN STEEL MILLS AND FOUNDRIES.



SEELE : EPDM-GUMMI, ISOLIEREND.
 EINLAGEN : HOCHZUGFESTE TEXTILEINLAGE.
 DECKE : ABRIEB-, WÄRME-, OZON- UND WITTERUNGSBESTÄNDIG EPDM-GUMMI, ISOLIEREND.
 ANWENDUNG : KÜHLT UND SCHÜTZT INDUSTRIESCHLÄUCHE IN GIEßBEREICHEN SOWIE STAHLWERKEN MIT HOHEN UMGEBUNGSTEMPERATUREN.



SOTTOSTRATO : GOMMA BIANCA IN EPDM, ISOLANTE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ
 COPERTURA : GOMMA IN EPDM ISOLANTE, RESISTENTE AL CALORE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER PROTEZIONE ET RAFFREDDAMENTO DI CAVI ELETTRICI NELLE ACCIAIERIE E FONDERIE.



TUBE : CAOUTCHOUC EPDM BLANC, ISOLANT.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC EPDM ISOLANT, RESISTANT A L'ABRASION, A LA CHALEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : REFROIDISSEMENT DES CABLES DE HAUTES-FOURNEAUX DANS LES ACIERIES ET LES FONDERIES.

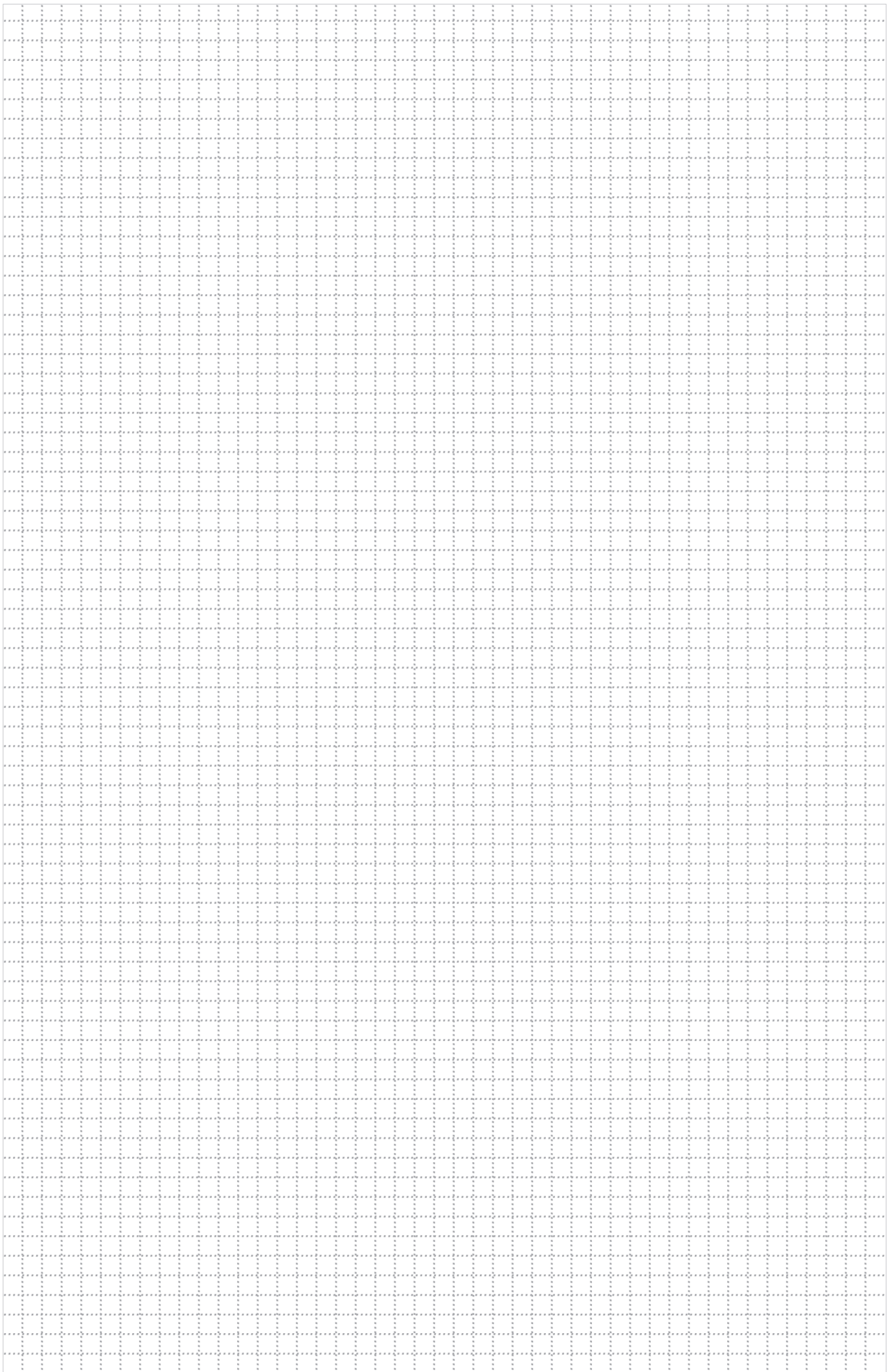
| ID | | OD | WP | | BP | | W | L |
|--------|------|------|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/2" | 12.7 | 22 | 10 | 145 | 30 | 435 | 390 | 40-46-61 |
| 3/4" | 19 | 32 | 10 | 145 | 30 | 435 | 765 | 40-46-61 |
| 1" | 25.4 | 38 | 10 | 145 | 30 | 435 | 910 | 40-46-61 |
| 1 1/4" | 32 | 47 | 10 | 145 | 30 | 435 | 1355 | 40-46-61 |
| 1 1/2" | 38 | 54 | 10 | 145 | 30 | 435 | 1695 | 40-46-61 |
| 1 3/4" | 44.5 | 60.5 | 10 | 145 | 30 | 435 | 1950 | 40-46-61 |
| 2" | 50.8 | 69 | 10 | 145 | 30 | 435 | 2540 | 40-46-61 |
| 2 1/2" | 63.5 | 80 | 10 | 145 | 30 | 435 | 2770 | 40-46-61 |
| 3" | 76.2 | 94 | 10 | 145 | 30 | 435 | 3640 | 40-46-61 |

: $\geq 1 \times 10^{12} \Omega/m$

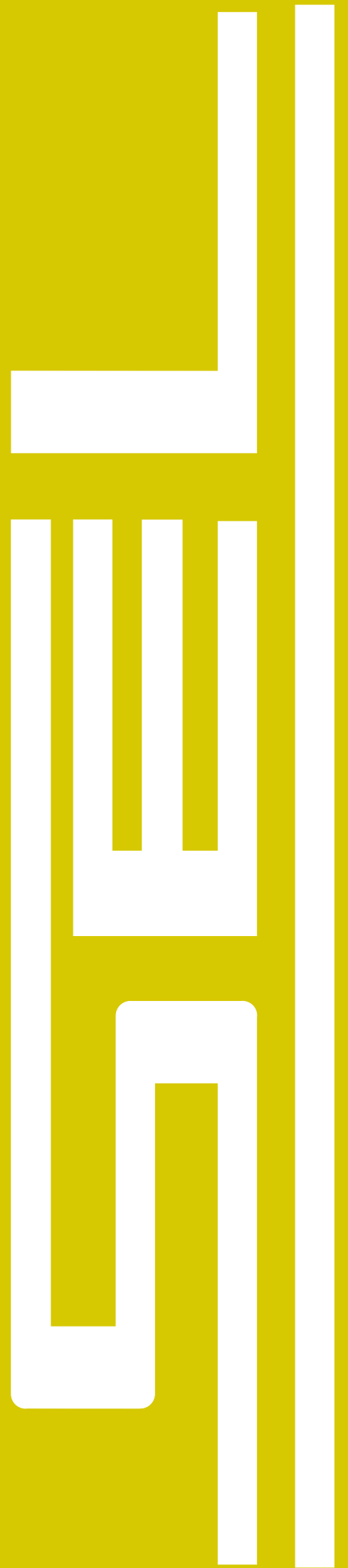


-40°C / +125°C
 -40°F / +257°F

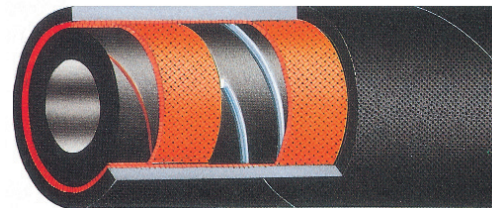
| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|



Steel Mill
Stahlwerk
Acciaieria
Aciérie



Carbon Blower Hose



TUBE : ABRASION RESISTANT, ANTISTATIC NR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : ABRASION, OZONE AND WEATHER RESISTANT PIN-PRICKED SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR CARBON BLOWER APPLICATIONS IN STEEL MILLS AND FOUNDRIES.



SEELE : ABRIEFESTES, LEITFÄHIGES NATUR KAUTSCHUK.
 EINLAGEN : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHT SPIRALE UND ANTISTATISCHER KUPFERDRAHT.
 DECKE : ABRIEB-, OZON- UND WITTERUNGSBESTÄNDIG SPEZIELLES GEPRICKTES SYNTHETISCHES-GUMMI.
 ANWENDUNG : FÜR CARBON LÜFTUNGEN IN GIEßEREIEN SOWIE STAHLWERKEN.



SOTTOSTRATO : GOMMA NATURALE ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA NATURAL E SINTETICA MICRO-FORATA, RESISTENTE ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER PROIEZIONE DI CARBONE NELLE ACCIAIERIE E FONDERIE.



TUBE : CAOUTCHOUC NATUREL CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE SPIRALE EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE ET NATUREL, MICRO-PERFORE, RESISTANT A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LA PROJECTION DE CARBONE DANS LES ACIERIES ET FONDERIES.

| ID | | OD | WP | | BP | | W | L |
|--------|------|----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1 1/4" | 32 | 62 | 10 | 145 | 30 | 435 | 2750 | 40-46-61 |
| 1 1/2" | 38 | 68 | 10 | 145 | 30 | 435 | 3455 | 40-46-61 |
| 2" | 50.8 | 80 | 10 | 145 | 30 | 435 | 3875 | 40-46-61 |
| 2 1/2" | 63.5 | 95 | 10 | 145 | 30 | 435 | 5450 | 40-46-61 |

Abrasion loss value: Acc DIN 53516 $\leq 35 \text{ mm}^3$
 Abriebwert nach DIN 53516 $\leq 35 \text{ mm}^3$
 Perdita d'abrasione in accordo alla norma DIN 53516 $\leq 35 \text{ mm}^3$
 Indice d'abrasion: Selon la norme DIN 53516 $\leq 35 \text{ mm}^3$



-40°C /+ 70°C
 -40°F /+158°F

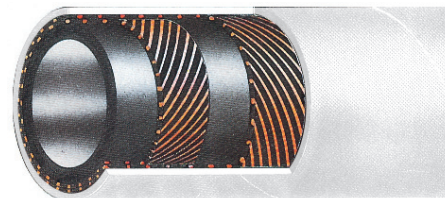
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Glass Fibre Cover Water

Outside Temp. up to 600 °C



TUBE : BLACK NATURAL AND SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : BLACK , HEAT (UP TO 600 °C), WEATHER RESISTANT SYNTHETIC RUBBER AND GLASS FIBER.
 APPLICATION : FOR COOLING WATER TRANSFER IN STEEL MILLS AND FOUNDRIES.



SEELE : SCHWARZES NATUR- UND SYNTHETISCHES KAUSCHUK.
 EINLAGEN : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : SCHWARZES, BIS ZU 600 °C HITZEBESTÄNDIGER, WITTERUNGSBESTÄNDIGES SPEZIELLES SYNTHETISCHES-GUMMI, MIT GLASFASERUMFLECHTUNG.
 ANWENDUNG : KÜHLT INDUSTRIESCHLÄUCHE IN GIEßEREIEN SOWIE STAHLWERKEN.



SOTTOSTRATO : GOMMA NERA NATURALE E SINTETICA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA, E FIBRO DI VETRO RESISTENTE AL CALORE FINO A 600°C ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER IL TRASFERIMENTO DELL'ACQUA DI RAFFREDDAMENTO NELLE ACCIAIERIE E FONDERIE.



TUBE : CAOUTCHOUC NATUREL ET SYNTHETIQUE NOIR.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE NOIR, RESISTANT A LA CHALEUR JUSQU'A 600 °C ET AUX AGENTS ATMOSPHERIQUES REVETU DE FIBRE DE VERRE.
 APPLICATION : POUR LE TRANSFERT DES EAUX DE REFROIDISSEMENT DANS LES ACIÉRIES ET LES FONDERIES.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|------|-----|-----|-----|-----|------|----|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/8" | 10 | 20 | 7 | 102 | 21 | 305 | 311 | 61 |
| 1/2" | 12.7 | 22 | 7 | 102 | 21 | 305 | 358 | 61 |
| 5/8" | 16 | 25 | 7 | 102 | 21 | 305 | 438 | 61 |
| 3/4" | 19 | 29 | 7 | 102 | 21 | 305 | 515 | 61 |
| 1" | 25.4 | 35 | 7 | 102 | 21 | 305 | 637 | 61 |
| 1 1/4" | 32 | 41.5 | 7 | 102 | 21 | 305 | 846 | 61 |
| 1 1/2" | 38 | 50 | 7 | 102 | 21 | 305 | 969 | 61 |
| 1 3/4" | 44.5 | 55 | 7 | 102 | 21 | 305 | 1221 | 61 |
| 2" | 50.8 | 63 | 7 | 102 | 21 | 305 | 1404 | 61 |
| 2 1/2" | 63.5 | 76 | 7 | 102 | 21 | 305 | 2038 | 61 |
| 3" | 76.2 | 89 | 7 | 102 | 21 | 305 | 2536 | 61 |
| 4" | 101.6 | 115 | 7 | 102 | 21 | 305 | 3313 | 61 |
| 5" | 127 | 145 | 7 | 102 | 21 | 305 | 5158 | 61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : Outside temperature up to 1200 °C.
 Auf Anfrage : Außentemperatur von bis zu 1200 °C.
 Su Richiesta : Temperatura esterna fino a 1200 °C.
 Sur Demande : Température extérieure jusqu'à 1200 °C.



-25°C / + 75°C
 -13°F / +158°F

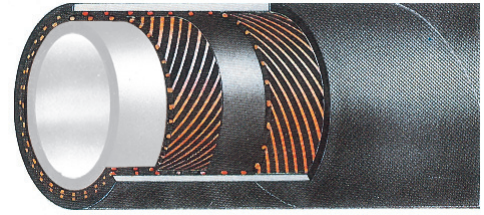
NORMS
 NORMEN
 NORME
 NORMES

ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Nonflammable-Cooling Hose



TUBE : INSULATING GREY EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, HEAT, STEAM, OZONE AND WEATHER RESISTANT, SPECIAL SYNTHETIC RUBBER.
 APPLICATION : FOR DISCHARGE OF COOLING WATER IN VERY HIGH AMBIENT TEMPERATURE, IN STEEL MILLS, FOUNDRIES ETC.



SEELE : EPDM-GUMMI, GRAU, ISOLIEREND.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEBFEST, DAMPF-, OZON- UND WITTERUNGSBESTÄNDIG, SPEZIELL SYNTHETISCHER GUMMI.
 ANWENDUNG : GEEIGNET ALS INDUSTRIESCHLAUCH IN GIEßEREIEN SOWIE STAHLWERKEN MIT HOHEN UMGEBUNGSTEMPERATUREN



SOTTOSTRATO : GOMMA IN EPDM GRIGIO, ISOLANTE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA RESISTENTE AL CALORE, AL VAPORE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA D'ACQUA DI RAFFREDDAMENTO NELLE CONDIZIONI AMBIENTALI A TEMPERATURA MOLTO ALTA, ACCIAIERIE, FONDERIE ETC.



TUBE : CAOUTCHOUC EPDM GRIS, ISOLANT.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL, RESISTANT A L'ABRASION, A LA CHALEUR, A LA VAPEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : REFOULEMENT D'EAU DE REFROIDISSEMENT DANS LES MILIEUX OU LA TEMPERATURE EXTERIEURE EST TRES ELEVEE, COMME LES ACIERIES, FONDERIES ETC.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/8" | 10 | 19 | 10 | 145 | 30 | 435 | 278 | 40-46-61 |
| 1/2" | 12.7 | 22 | 10 | 145 | 30 | 435 | 364 | 40-46-61 |
| 3/4" | 19 | 32 | 10 | 145 | 30 | 435 | 697 | 40-46-61 |
| 1" | 25.4 | 38 | 10 | 145 | 30 | 435 | 826 | 40-46-61 |
| 1 1/4" | 32 | 47 | 10 | 145 | 30 | 435 | 1243 | 40-46-61 |
| 1 1/2" | 38 | 54 | 10 | 145 | 30 | 435 | 1531 | 40-46-61 |
| 1 3/4" | 44.5 | 61 | 10 | 145 | 30 | 435 | 1833 | 40-46-61 |
| 2" | 50.8 | 69 | 10 | 145 | 30 | 435 | 2364 | 40-46-61 |
| 2 1/2" | 63.5 | 80 | 10 | 145 | 30 | 435 | 2613 | 40-46-61 |
| 3" | 76.2 | 94 | 10 | 145 | 30 | 435 | 3114 | 40-46-61 |
| 4" | 101.6 | 122 | 10 | 145 | 30 | 435 | 4718 | 40-46-61 |

: $\geq 1 \times 10^9 \Omega/m$



-40°C / +150°C
 -40°F / +300°F

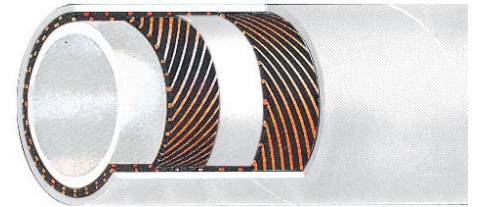
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL OSTRO NON FLAMMABLE CABLE COOLING HOSE - R>10⁹Ω/m - W.P. 10 Bar (145 PSI)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Glass Fibre Cover Cooling Water

Outside Temp. up to 600 °C



TUBE : INSULATING WHITE EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : HEAT (UP TO 600 °C) RESISTANT INSULATING WHITE EPDM RUBBER AND GLASS FIBRE.
 APPLICATION : FOR DISCHARGE OF COOLING WATER IN VERY HIGH AMBIENT TEMPERATURE, IN STEEL MILLS, FOUNDRIES ETC.



SEELE : EPDM-GUMMI.
 EINLAGE : HOCHZUGFESTE TEXTILEINLAGE.
 DECKE : BIS ZU 600 °C HITZEBESTÄNDIGER EPDM-GUMMI MIT GLASFASERUMFLECHTUNG.
 ANWENDUNG : GEEIGNET ALS INDUSTRIESCHLAUCH IN GIEßBEREICHEN SOWIE STAHLWERKEN MIT HOHEN UMGEBUNGSTEMPERATUREN.



SOTTOSTRATO : GOMMA IN EPDM BIANCA, ISOLANTE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ
 COPERTURA : GOMMA IN EPDM BIANCA ISOLANTE E FIBRA DI VETRO, RESISTENTE AL CALORE FINO A 600°C.
 IMPIEGO : PER MANDATA D'ACQUA DI RAFFREDDAMENTO NELLE CONDIZIONI AMBIENTALI A TEMPERATURA MOLTO ALTA, ACCIAIERIE, FONDERIE ETC.



TUBE : CAOUTCHOUC EPDM BLANC, ISOLANT.
 REINFORCEMENT : INSERTION TEXTILE HAUTE TENACITE..
 REVETEMENT : CAOUTCHOUC EPDM BLANC, ISOLANT ET FIBRE DE VERRE, RESISTANT A LA CHALEUR JUSQU'A 600 °C.
 APPLICATION : REFOULEMENT D'EAU DE REFROIDISSEMENT DANS LES MILIEUX OU LA TEMPERATURE EXTERIEURE EST TRES ELEVEE, COMME LES ACIERIES, FONDERIES ETC.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/2" | 12.7 | 22 | 10 | 145 | 30 | 435 | 335 | 40-46-61 |
| 5/8" | 16 | 26 | 10 | 145 | 30 | 435 | 440 | 40-46-61 |
| 3/4" | 19 | 30 | 10 | 145 | 30 | 435 | 570 | 40-46-61 |
| 1" | 25.4 | 37 | 10 | 145 | 30 | 435 | 735 | 40-46-61 |
| 1 1/4" | 32 | 45 | 10 | 145 | 30 | 435 | 990 | 40-46-61 |
| 1 1/2" | 38 | 52 | 10 | 145 | 30 | 435 | 1242 | 40-46-61 |
| 1 3/4" | 44.5 | 59 | 10 | 145 | 30 | 435 | 1486 | 40-46-61 |
| 2" | 50.8 | 65 | 10 | 145 | 30 | 435 | 1640 | 40-46-61 |
| 2 1/2" | 63.5 | 79 | 10 | 145 | 30 | 435 | 2145 | 40-46-61 |
| 3" | 76.2 | 94 | 10 | 145 | 30 | 435 | 3015 | 40-46-61 |
| 4" | 101.6 | 120 | 10 | 145 | 30 | 435 | 3955 | 40-46-61 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

: $\geq 1 \times 10^9 \Omega/m$

Upon Request : Outside temperature up to 1200 °C.
 Auf Anfrage : Außentemperatur von bis zu 1200 °C.
 Su Richiesta : Temperatura esterna fino a 1200 °C.
 Sur Demande : Température extérieure jusqu'à 1200 °C.

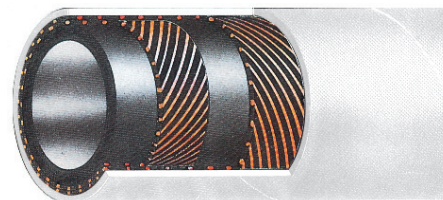


-40 °C / +125 °C
 -40 °F / +257 °F

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

2 Glass Fibre Cover Cooling Water


Outside Temp. up to 600 °C



 TUBE : INSULATING EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT, INSULATING SPECIAL SYNTHETIC RUBBER AND 2 GLASS FIBRE.
 APPLICATION : FOR COOLING WATER SYSTEMS OF STEEL MILLS AND FOUNDRIES. RESISTANT TO HEAT AND MOLTEN METAL CONTACT. WHERE A HOSE IS WORKING CLOSE TO SOURCES OF HEAT (UP TO 600 °C).

 SEELE : EPDM-GUMMI, ISOLIEREND.
 EINLAGEN : HOCHZUGFESTE TEXTILEINLAGE.
 DECKE : ABRIEB-, WÄRME-, OZON- UND WITTERUNGSBESTÄNDIG SPEZIELLES SYNTHETISCHES-GUMMI, ISOLIEREND MIT 2 GLASFASERUMFLECHTUNGEN.
 ANWENDUNG : KÜHLT UND SCHÜTZT INDUSTRIESCHLÄUCHE IN GIEßEREIEN SOWIE STAHLWERKEN MIT HOHEN UMGEBUNGSTEMPERATUREN, BIS ZU 600 °C BESTÄNDIG.

 SOTTOSTRATO : GOMMA IN EPDM, ISOLANTE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ
 COPERTURA : GOMMA SPECIALE SINTETICA ISOLANTE E 2 FIBRE DI VETRO, RESISTENTE AL CALORE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER SISTEMI DI ACQUE DI RAFFREDDAMENTO DI ACCIAIERIE E FONDERIE. RESISTENTE AL CALORE E FUSO METALLO. QUANDO IL TUBO LAVORA NELLE VICINANZE DI FONTI DI CALORE (FINO AL 600 °C).


 TUBE : CAOUTCHOUC EPDM, ISOLANT.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL ISOLANT REVETU DE 2 FIBRES DE VERRE, RESISTANT A L'ABRASION, A LA CHALEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR SYSTEMES DE REFROIDISSEMENT DANS LES ACIERIES ET FONDERIES. RESISTANT A LA CHALEUR ET AUX CONTACT DES METAUX EN FUSION. LORSQUE LE TUYAU TRAVAILLE A PROXIMITE DE SOURCES DE CHALEUR (JUSQU'A 600 °C).

| ID | | OD | WP | | BP | | W | L |
|------|-------|-----|-----|-----|-----|-----|-------|----|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 4" | 101.6 | 130 | 16 | 232 | 64 | 928 | 6860 | 20 |
| 5" | 127 | 155 | 16 | 232 | 64 | 928 | 8360 | 20 |
| 6" | 152.4 | 181 | 16 | 232 | 64 | 928 | 9920 | 20 |
| 8" | 203 | 232 | 16 | 232 | 64 | 928 | 12725 | 20 |
| 10" | 254 | 282 | 16 | 232 | 64 | 928 | 15500 | 20 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

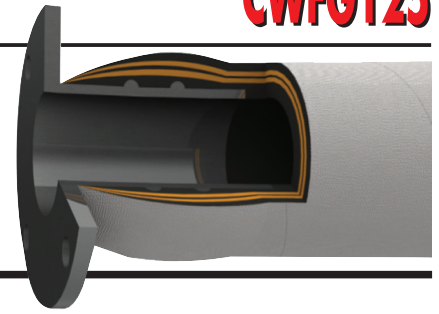
Upon Request : Outside temperature up to 1200 °C.
 Auf Anfrage : Außentemperatur von bis zu 1200 °C.
 Su Richiesta : Temperatura esterna fino a 1200 °C.
 Sur Demande : Température extérieure jusqu'à 1200 °C.



| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|--|

2 Glass Fibre Cover Cooling Water with Built-in Flange

Outside Temp. up to 600 °C



TUBE : INSULATING EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : ABRASION, HEAT, OZONE AND WEATHER RESISTANT, INSULATING SPECIAL SYNTHETIC RUBBER AND 2 GLASS FIBRE.
 APPLICATION : FOR COOLING WATER SYSTEMS OF STEEL MILLS AND FOUNDRIES. RESISTANT TO HEAT AND MOLTEN METAL CONTACT. WHERE A HOSE IS WORKING CLOSE TO SOURCES OF HEAT (UP TO 600 °C).



SEELE : EPDM-GUMMI, ISOLIEREND.
 EINLAGEN : HOCHZUGFESTE, SYNTHETISCHE TEXTILEINLAGEN MIT ZUSÄTZLICHER STAHLDRAHTSPIRALE.
 DECKE : ABRIEB-, WÄRME-, OZON- UND WITTERUNGSBESTÄNDIG SPEZIELLES SYNTHETISCHES-GUMMI, ISOLIEREND MIT 2 GLASFASERUMFLECHTUNGEN.
 ANWENDUNG : KÜHLT UND SCHÜTZT INDUSTRIESCHLÄUCHE IN GIEßEREIEN SOWIE STAHLWERKEN MIT HOHEN UMGEBUNGSTEMPERATUREN, BIS ZU 600 °C BESTÄNDIG.



SOTTOSTRATO : GOMMA IN EPDM, ISOLANTE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE METALLICA.
 COPERTURA : GOMMA SPECIALE SINTETICA ISOLANTE E 2 FIBRE DI VETRO, RESISTENTE AL CALORE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER SISTEMI DI ACQUE DI RAFFREDDAMENTO DI ACCIAIERIE E FONDERIE. RESISTENTE AL CALORE E FUSO METALLO. QUANDO IL TUBO LAVORA NELLE VICINANZE DI FONTI DI CALORE (FINO AL 600 °C).



TUBE : CAOUTCHOUC EPDM, ISOLANT.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, SPIRALE EN ACIER NOYEE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE SPECIAL ISOLANT REVETU DE 2 FIBRES DE VERRE, RESISTANT A L'ABRASION, A LA CHALEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR SYSTEMES DE REFROIDISSEMENT DANS LES ACIERIES ET FONDERIES. RESISTANT A LA CHALEUR ET AUX CONTACT DES METAUX EN FUSION. LORSQUE LE TUYAU TRAVAILLE A PROXIMITE DE SOURCES DE CHALEUR (JUSQU'A 600 °C)

| ID | | OD | WP | | BP | | W | L |
|------|-------|-----|-----|-----|-----|-----|-------|----|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 4" | 101.6 | 129 | 10 | 145 | 30 | 435 | 8970 | 20 |
| 5" | 127 | 162 | 10 | 145 | 30 | 435 | 8970 | 20 |
| 6" | 152.4 | 187 | 10 | 145 | 30 | 435 | 10570 | 20 |
| 8" | 203 | 244 | 10 | 145 | 30 | 435 | 19160 | 20 |
| 10" | 254 | 294 | 10 | 145 | 30 | 435 | 23950 | 20 |

OPTIONS / OPTIONEN / OPZIONI / OPTIONS

Upon Request : Outside temperature up to 1200 °C.
 Auf Anfrage : Außentemperatur von bis zu 1200 °C.
 Su Richiesta : Temperatura esterna fino a 1200 °C.
 Sur Demande : Température extérieure jusqu'à 1200 °C.

NOTES ON ORDERING

A - Inside diameter
 B- Length (Overall Length)
 C- Working pressure
 D- Type ends or end fittings
 E- Applications (Much detail as possible)
 F- Working temperature

BEMERKUNGEN ZUM AUFTRAG

A- Innendurchmesser
 B- Schlauchlänge F-F
 C- Betriebsdruck
 D- Flanschbezeichnung
 E- Einsatzbedingungen (Möglichst viele information angeben)
 F- Betriebstemperatur

NOTE ORDINI

A- Diametro interno
 B- Lunghezza (Flange Incluso)
 C- Pressione di lavoro
 D- Specificazioni per le flange
 E- Applicazione (Massimo dettagli possibile)
 F- Temperatura di lavoro

PRECISIONS NECESSAIRES

A- Diametre interieur
 B- Longueur (Brides incluses)
 C- Pression de service
 D- Specificaions des brides
 E- Applications (Plus de details possible)
 F- Temperature de travail



-40 °C / +125 °C
 -40 °F / +257 °F

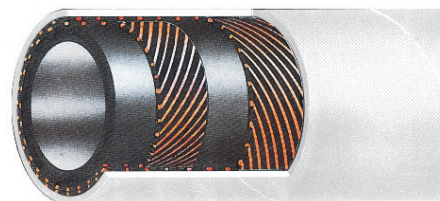
NORMS
 NORMEN
 NORME
 NORMES

ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



Ceramic Coated Cover Hot Water



TUBE : EPDM RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : HEAT (UP TO 600 °C), ABRASION, OZONE AND WEATHER RESISTANT CERAMIC COATED EPDM RUBBER.
 APPLICATION : FOR TRANSFER OF WATER AND HOT WATER IN INDUSTRY, WHERE A HOSE MUST BE RESISTANT TO HEAT.



SEELE : EPDM-GUMMI.
 EINLAGEN : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIEB-, WÄRME-, OZON- UND WITTERUNGSBESTÄNDIG EPDM-GUMMI MIT KERAMIKUMMANTELUNG, BIS ZU 600 °C BESTÄNDIG.
 ANWENDUNG : GEEIGNET ZUR FÖRDERUNG VON WASSER UND HEIßWASSER IN INDUSTRIEN MIT HOHEN UMGEBUNGSTEMPERATUREN.



SOTTOSTRATO : GOMMA IN EPDM
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ
 COPERTURA : GOMMA IN EPDM E RIVESTIMENTO CERAMICO, RESISTENTE AL CALORE FINO A 600°C, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER IL TRASFERIMENTO DI ACQUA E ACQUA CALDA NELL'INDUSTRIA, DOVE UN TUBO DEVE ESSERE RESISTENTE AL CALORE.



TUBE : CAOUTCHOUC EPDM.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC EPDM ET REVÊTEMENT CÉRAMIQUE, RESISTANT A LA CHALEUR JUSQU'A 600 °C, A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR LE TRANSFERT DE L'EAU ET EAU DE REFFROIDISSEMENT DES PORTES DE HAUTE-FOURNEAUX.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/2" | 12.7 | 24 | 25 | 363 | 100 | 1450 | 420 | 40-46-61 |
| 3/4" | 19 | 30 | 25 | 363 | 100 | 1450 | 570 | 40-46-61 |
| 1" | 25.4 | 38 | 25 | 363 | 100 | 1450 | 830 | 40-46-61 |
| 1 1/4" | 32 | 46 | 25 | 363 | 100 | 1450 | 1135 | 40-46-61 |
| 1 1/2" | 38 | 52 | 25 | 363 | 100 | 1450 | 1320 | 40-46-61 |
| 1 3/4" | 44.5 | 60 | 25 | 363 | 100 | 1450 | 1745 | 40-46-61 |
| 2" | 50.8 | 67 | 25 | 363 | 100 | 1450 | 2250 | 40-46-61 |
| 2 1/2" | 63.5 | 81 | 25 | 363 | 100 | 1450 | 2525 | 40-46-61 |
| 3" | 76.2 | 95 | 25 | 363 | 100 | 1450 | 3250 | 40-46-61 |
| 4" | 101.6 | 123 | 25 | 363 | 100 | 1450 | 5300 | 40-46-61 |



-40°C / +125°C
 -40°F / +257°F

NORMS
 NORMEN
 NORME
 NORMES

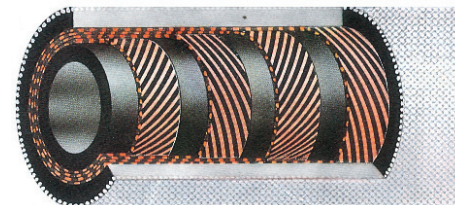
ISO 1307


COLOUR
 FARBEN
 COLORI
 COULEUR




Glass Fibre Cover Steam


Outside Temp. up to 600 °C



 TUBE : EPM RUBBER, RESISTANT TO SATURATED STEAM.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : ABRASION, HEAT, STEAM, OZONE AND WEATHER RESISTANT, SPECIAL SYNTHETIC RUBBER AND GLASS FIBRE.
 APPLICATION : FOR GENERAL SATURATED STEAM SERVICES AT A MAXIMUM WORKING PRESSURE OF 7 BAR (102 PSI) WHERE A HOSE IS WORKING CLOSE TO SOURCES OF HEAT (UP TO 600 °C).


 SEELE : EPM-GUMMI, SATTDAMPFBESTÄNDIG.
 EINLAGEN : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : ABRIB-, DAMPF-, WÄRME-, OZON- UND WITTERUNGSBESTÄNDIG SPEZIELLES SYNTHETISCHES-GUMMI, ISOLIEREND MIT GLASFASERUMFLECHTUNG.
 ANWENDUNG : FÜR ANWENDUNGEN MIT SATTDAMPF MIT EINEM MAXIMALEN BETRIEBSDRUCK VON 7 BAR (102 PSI), BIS ZU 600 °C BESTÄNDIG.

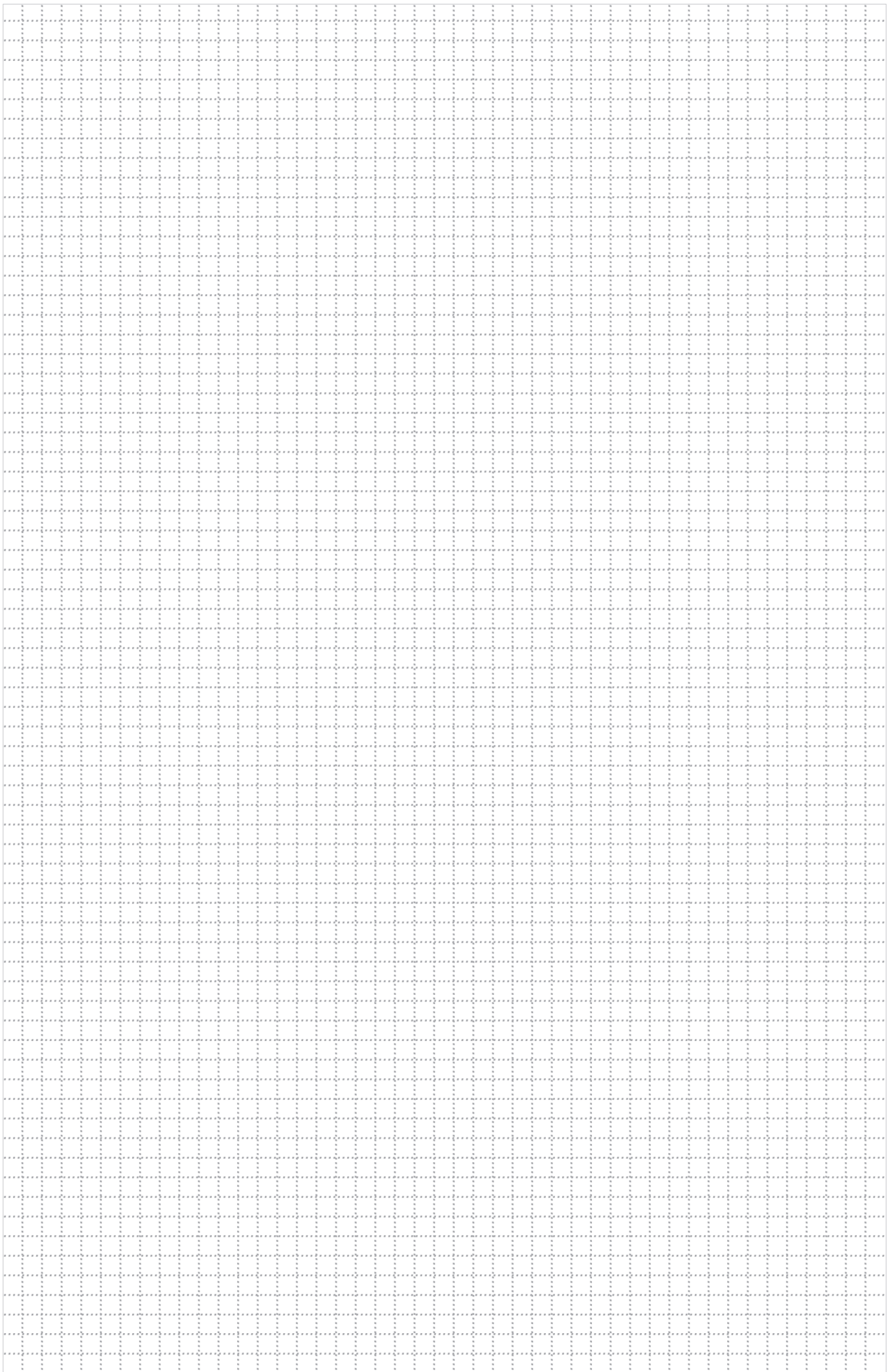
 SOTTOSTRATO : GOMMA EPM, RESISTENTE AL VAPORE SATURO.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA SPECIALE SINTETICA E FIBRA DI VETRO, RESISTENTE AL CALORE, AL VAPORE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PASSAGGIO DI VAPORE SATURO PER USO INDUSTRIALE GENERALE AD UNA PRESSIONE MASSIMA DI ESERCIZIO DI 7 BAR (102 PSI) QUANDO IL TUBO LAVORA NELLE VICINANZE DI FONTI DI CALORE (FINO AL 600 °C).

 TUBE : CAOUTCHOUC EPM, RESISTANT A LA VAPEUR SATUREE.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC SYNTHETIQUE REVETU DE FIBRE DE VERRE, RESISTANT A L'ABRASION, A LA CHALEUR, A LA VAPEUR, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR SERVICES GENERAUX DE VAPEUR SATUREE A UNE PRESSION MAXIMALE DE 7 BAR (102 PSI) LORSQUE LE TUYAU TRAVAILLE A PROXIMITE DE SOURCES DE CHALEUR (JUSQU'A 600 °C)

| ID | | OD | WP | | BP | | W | L |
|--------|-------|------|-----|-----|-----|------|------|----------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 1/2" | 12.7 | 24 | 7 | 102 | 70 | 1015 | 410 | 40-46-61 |
| 5/8" | 16 | 30 | 7 | 102 | 70 | 1015 | 650 | 40-46-61 |
| 3/4" | 19 | 33 | 7 | 102 | 70 | 1015 | 710 | 40-46-61 |
| 1" | 25.4 | 39.5 | 7 | 102 | 70 | 1015 | 820 | 40-46-61 |
| 1 1/4" | 32 | 47 | 7 | 102 | 70 | 1015 | 1145 | 40-46-61 |
| 1 1/2" | 38 | 53 | 7 | 102 | 70 | 1015 | 1345 | 40-46-61 |
| 1 3/4" | 44.5 | 60 | 7 | 102 | 70 | 1015 | 1570 | 40-46-61 |
| 2" | 50.8 | 67.5 | 7 | 102 | 70 | 1015 | 1970 | 40-46-61 |
| 2 1/2" | 63.5 | 81 | 7 | 102 | 70 | 1015 | 2510 | 40-46-61 |
| 3" | 76.2 | 98 | 7 | 102 | 70 | 1015 | 3660 | 40-46-61 |
| 4" | 101.6 | 124 | 7 | 102 | 70 | 1015 | 4830 | 40-46-61 |



| | | | |
|------------------------------------|----------|---------------------------------------|---|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR |  |
|------------------------------------|----------|---------------------------------------|---|



Silicone

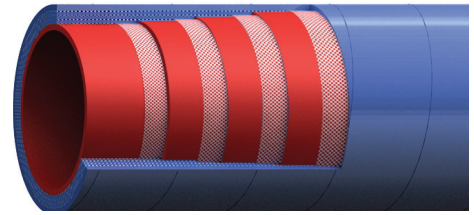
Silikon

Silicone

Silicone



Silicone Cooling



TUBE : SEA WATER, WATER MIXED WITH ANTI-FREEZE, MINERAL OILS RESISTANT SMOOTH SILICONE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : SEA WATER, ABRASION, OZONE, WEATHER AND FLAME RESISTANT SMOOTH SILICONE..
 APPLICATION : FOR DELIVERY OF VERY HIGH TEMPERATURE EXHAUST GASES AND SEA WATER IN COOLING SYSTEMS OF MARINE VEHICLES, WHERE HIGH PERFORMANCE AND EXTRA FLEXIBILITY ARE REQUIRED.



SEELE : SILIKON, BESTÄNDIG GEGEN MEERWASSER, WASSER - FROSTSCHUTZMITTELGEMISCH UND MINERALÖLE.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : SILIKON, MEERWASSER-, OZON- UND WITTERUNGSBESTÄNDIG, ABRIEBFEST, FLAMMWIDRIG.
 ANWENDUNG : ZUM BEFÖRDERN VON ABGASEN MIT HOHEN TEMPERATUREN UND MEERWASSER IN KÜHLSYSTEMEN VON SCHIFFEN, HOHE LEISTUNG - EXTRA FLEXIBILITÄT.



SOTTOSTRATO : SILICONE, RESISTENTE ALL'ACQUA DI MARE, ACQUA CON ANTIGELO, AGLI OLI MINERALI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : SILICONE LISCIA, RESISTENTE ALL'ACQUA DI MARE, ALL'OZONO, ALL'ABRASIONE, AGLI AGENTI ATMOSFERICI ED ALLA FIAMMA.
 IMPIEGO : PER IL COLLEGAMENTO EXTRA FLESSIBILE NEI CIRCUITI DI RAFFREDDAMENTO DEI MOTORI NAUTICI, AD ALTISSIMA TEMPERATURA.



TUBE : SILICONE, RESISTANT A L'EAU DE MER, ANTIGEL, AUX HUILES MINERALES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : SILICONE LISSE, RESISTANT A L'EAU DE MER, A L'ABRASION, A L'OZONE, AUX AGENTS ATMOSPHERIQUES, A LA FLAMME.
 APPLICATION : POUR LES SYSTEMES DE REFROIDISSEMENT DES MOTEURS MARINS AVEC UNE TEMPERATURE TRES ELEVEE.

| ID | | OD | WP | | BP | | W | L |
|--------|-------|-----|-----|-----|-----|-----|------|------|
| inch | mm | mm | bar | psi | bar | psi | g/m | m |
| 3/4" | 19 | 27 | 5 | 73 | 15 | 218 | 335 | 40 |
| 1" | 25.4 | 34 | 5 | 73 | 15 | 218 | 455 | 40 |
| 1 1/4" | 32 | 40 | 5 | 73 | 15 | 218 | 550 | 40 |
| 1 1/2" | 38 | 46 | 5 | 73 | 15 | 218 | 650 | 40 |
| 1 3/4" | 44.5 | 53 | 5 | 73 | 15 | 218 | 740 | 40 |
| 2" | 50.8 | 59 | 5 | 73 | 15 | 218 | 840 | 40 |
| 2 1/2" | 63.5 | 73 | 5 | 73 | 15 | 218 | 1030 | 18.3 |
| 3" | 76.2 | 85 | 5 | 73 | 15 | 218 | 1320 | 18.3 |
| 3 1/2" | 90 | 99 | 5 | 73 | 15 | 218 | 1582 | 18.3 |
| 4" | 101.6 | 112 | 5 | 73 | 15 | 218 | 1970 | 18.3 |



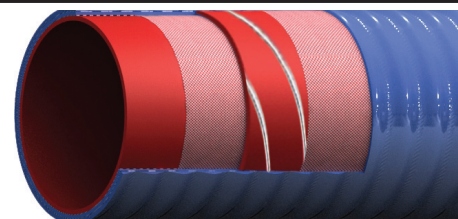
-54°C / +177°C
 -65°F / +350°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE**

SEL SIROCCO SILICONE COOLING HOSE - W.P. 5 Bar (73 PSI) - ISO 13363 Type 1 - Class B

| | | | |
|------------------------------------|---|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 13363 TYPE 1 - CLASS B SAE J 2006 R1 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|---|---------------------------------------|--|

Silicone Cooling S&D



TUBE : SEA WATER, WATER MIXED WITH ANTI-FREEZE, MINERAL OILS RESISTANT SMOOTH SILICONE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL HELIX WIRE.
 COVER : SEA WATER, ABRASION, OZONE, WEATHER AND FLAME RESISTANT SILICONE.
 APPLICATION : FOR SUCTION AND DELIVERY OF VERY HIGH TEMPERATURE EXHAUST GASES AND SEA WATER IN COOLING SYSTEMS OF MARINE VEHICLES, WHERE HIGH PERFORMANCE AND EXTRA FLEXIBILITY ARE REQUIRED.



SEELE : SILIKON, BESTÄNDIG GEGEN MEERWASSER, WASSER - FROSTSCHUTZMITTELGEMISCH UND MINERALÖLE
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE
 DECKE : SILIKON, MEERWASSER-, OZON- UND WITTERUNGSBESTÄNDIG, ABRIEBFEST, FLAMMWIDRIG
 ANWENDUNG : SAUG - DRUCKSCHLAUCH FÜR ABGASE MIT HOHEN TEMPERATUREN UND MEERWASSER IN KÜHLSYSTEMEN VON SCHIFFEN, HOHE LEISTUNG - EXTRA FLEXIBILITÄT



SOTTOSTRATO : SILICONE, RESISTENTE ALL'ACQUA DI MARE, ACQUA CON ANTIGELO, AGLI OLI MINERALI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ CON SPIRALE D'ACCIAIO INCORPORATA.
 COPERTURA : SILICONE, RESISTENTE ALL'ACQUA DI MARE, ALL'OZONO, ALL'ABRASIONE, AGLI AGENTI ATMOSFERICI ED ALLA FIAMMA.
 IMPIEGO : PER IL COLLEGAMENTO EXTRA FLESSIBILE NEI CIRCUITI DI RAFFREDDAMENTO DEI MOTORI NAUTICI, AD ALTISSIMA TEMPERATURA.



TUBE : SILICONE, RESISTANT A L'EAU DE MER, ANTIGEL, AUX HUILES MINERALES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER NOYEE.
 REVETEMENT : SILICONE, RESISTANT A L'EAU DE MER, A L'ABRASION, A L'OZONE, AUX AGENTS ATMOSPHERIQUES ET A LA FLAMME.
 APPLICATION : POUR LES SYSTEMES DE REFROIDISSEMENT DES MOTEURS MARINS AVEC UNE TEMPERATURE TRES ELEVEE.

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|--------|-------|------|-----|-----|-----|-----|--------|------|------|------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 1/2" | 12.7 | 23 | 15 | 218 | 45 | 653 | -0.8 | 20 | 397 | 40 |
| 3/4" | 19 | 30 | 15 | 218 | 45 | 653 | -0.8 | 35 | 557 | 40 |
| 1" | 25.4 | 36 | 10 | 145 | 30 | 435 | -0.8 | 50 | 713 | 40 |
| 1 1/4" | 32 | 43 | 10 | 145 | 30 | 435 | -0.8 | 75 | 887 | 40 |
| 1 1/2" | 38 | 50 | 10 | 145 | 30 | 435 | -0.8 | 92 | 1179 | 40 |
| 1 3/4" | 44.5 | 56 | 5 | 73 | 15 | 218 | -0.8 | 100 | 1354 | 40 |
| 2" | 50.8 | 62.5 | 5 | 73 | 15 | 218 | -0.8 | 125 | 1590 | 40 |
| 2 1/2" | 63.5 | 75 | 5 | 73 | 15 | 218 | -0.8 | 160 | 1946 | 18.3 |
| 3" | 76.2 | 89.5 | 5 | 73 | 15 | 218 | -0.8 | 200 | 2661 | 18.3 |
| 3 1/2" | 90 | 103 | 5 | 73 | 15 | 218 | -0.8 | 300 | 3105 | 18.3 |
| 4" | 101.6 | 117 | 5 | 73 | 15 | 218 | -0.8 | 400 | 3883 | 18.3 |

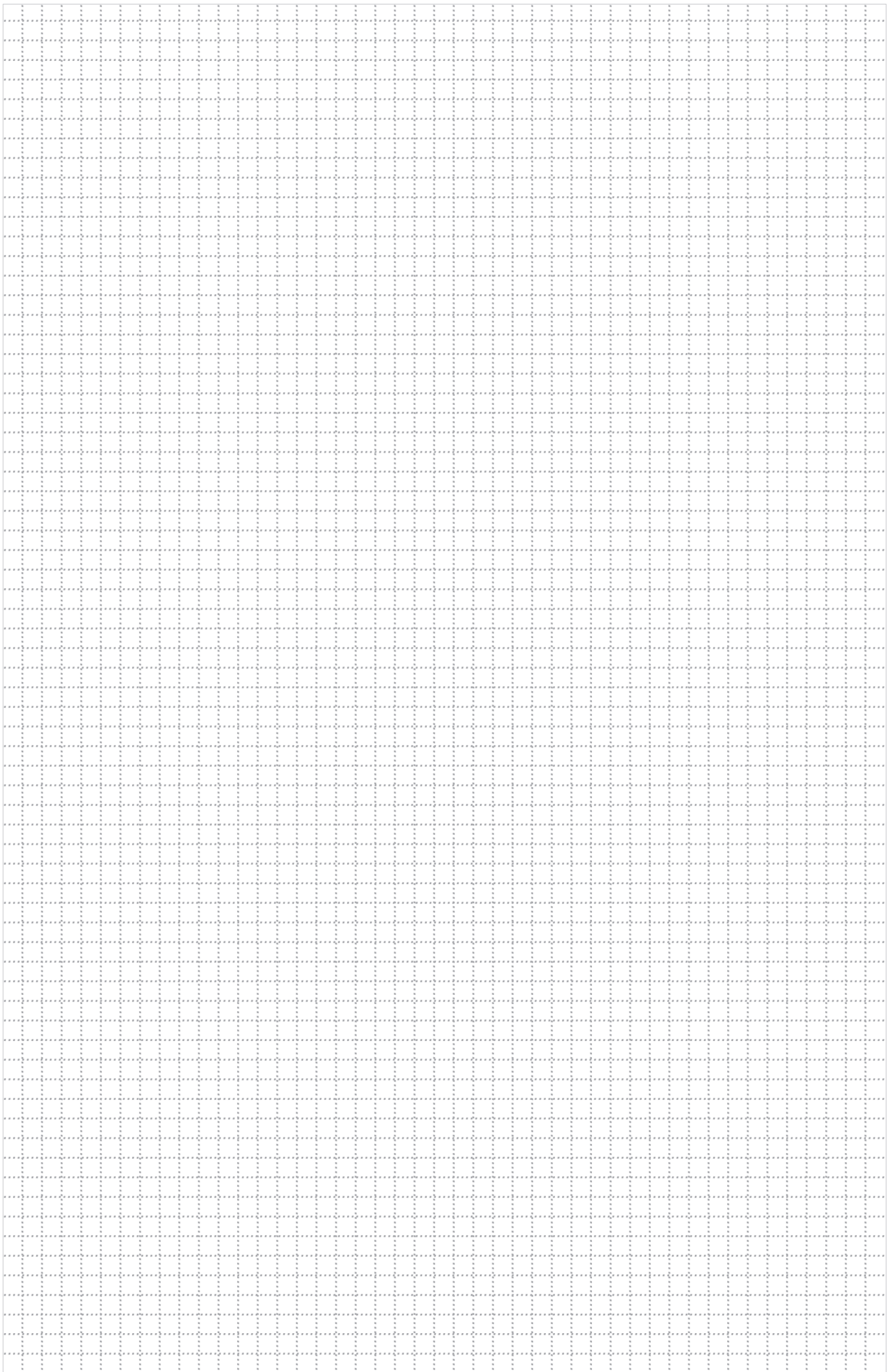


-54°C / +177°C
 -65°F / +350°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE**

SEL SIROCCO - SD SILICONE COOLING S/D HOSE - W.P. 5 Bar (73 PSI) - ISO 13363 Type 2 -Class B

| | | | |
|------------------------------------|---|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 13363 TYPE 2 - CLASS B SAE J 2006 R2 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|---|---------------------------------------|--|

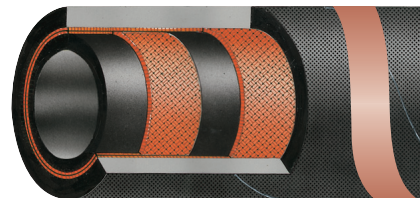


Offshore

- Oil Rigs Platform
- Ölplattform
- Piattaforme Petrolifere
- Plateformes Pétrolières



Soft Wall Oil / Fuel Delivery



TUBE : BLACK, FUEL AND OIL RESISTANT NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : OIL, FUEL, SEA WATER, FLAME, WEATHER AND OZONE RESISTANT BLACK CR.
 APPLICATION : FOR DISCHARGE OF HEAVY DUTY PETROLEUM PRODUCTS UP TO 50% AROMATIC CONTENT.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGSFESTE SYNTHETISCHE TEXTILEINLAGE MIT ANTISTATISCHE KUPFERLITZE.
 DECKE : ÖL-, OZON-, MEER- UND WITTERUNGBESTÄNDIGER, SPEZIELLER SYNTHETIKGUMMI, ABRIEFEST, FLAMMWIDRIG
 ANWENDUNG : FÖRDERSCHLAUCH FÜR VERSCHIEDENE ÖLPRODUKTE MIT MAX. 50% AROMATENGHALT



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONE TESSILI AD ALTA TENACITÀ E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA CR NERA RESISTENTE AGLI OLI, AI CARBURANTI, ALL'ACQUA DI MARE, ALLA FIAMMA, ALL'OZONO ET AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI PRODOTTI PETROLIFERI CON CENTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC CR, RESISTANT AUX HUILES, AUX HYDROCARBURES, A L'EAU DE MER, A LA FLAMME, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%

| ID | | OD | WP | | BP | | BR/r | W | L |
|------|-----|-----|-----|-----|-----|-----|------|------|---------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 3 | 76 | 93 | 10 | 145 | 40 | 580 | 760 | 3057 | max. 61 |
| 4 | 102 | 118 | 10 | 145 | 40 | 580 | 1020 | 3995 | max. 61 |
| 5 | 127 | 144 | 7 | 102 | 28 | 406 | 1270 | 5048 | max. 61 |
| 6 | 152 | 169 | 7 | 102 | 28 | 406 | 1520 | 5696 | max. 61 |



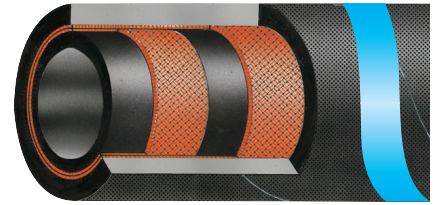
-35°C / + 80°C
 -31°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL OSRIS - FD RS 225 OIL DISCHARGE W.P. ** BAR - (month/year)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Soft Wall Water Delivery



TUBE : BLACK, SPECIAL SYNTHETIC RUBBER.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE.
 COVER : OIL, FUEL, SEA WATER, WEATHER AND OZONE RESISTANT BLACK CR.
 APPLICATION : FOR DISCHARGE OF WATER.



SEELE : SCHWARZ, SPEZIELLER SYNTHETISCHER GUMMI
 EINLAGE : HOCHZUGSFESTE SYNTHETISCHE TEXTILEINLAGE
 DECKE : ÖL-, OZON-, MEER- UND WITTERUNGBESTÄNDIGER, SCHWARZER CR
 ANWENDUNG : FÖRDERSCHLAUCH FÜR WASSER



SOTTOSTRATO : GOMMA NBR NERA.
 RINFORZO : INSERZIONE TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA CR NERA RESISTENTE AGLI OLI, AI CARBURANTI, ALL'ACQUA DI MARE, ALL'OZONO ET AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA D'ACQUA.



TUBE : CAOUTCHOUC NBR, NOIR.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC CR, RESISTANT AUX HUILES, AUX HYDROCARBURES, A L'EAU DE MER, A L'OZONO ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT D'EAU.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|------|-----|-----|----|-----|-----|-----|-----|------|------|---------|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 3 | 76 | 93 | | 10 | 145 | 40 | 580 | 760 | 3057 | max. 61 |
| 4 | 102 | 118 | | 10 | 145 | 40 | 580 | 1020 | 3995 | max. 61 |
| 5 | 127 | 144 | | 7 | 102 | 28 | 406 | 1270 | 5048 | max. 61 |
| 6 | 152 | 169 | | 7 | 102 | 28 | 406 | 1520 | 5696 | max. 61 |



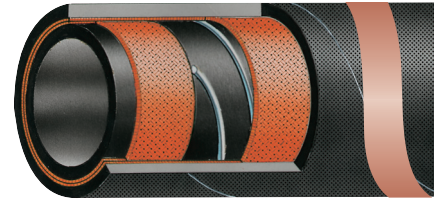
-35°C / + 80°C
 -31°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL OSRIS - WD RS 115 WATER DISCHARGE W.P. ** BAR - (month/year)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Hard Wall Oil / Fuel Suction & Delivery



TUBE : BLACK, FUEL AND OIL RESISTANT NBR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE WITH 2 STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : OIL, FUEL, WEATHER AND OZONE RESISTANT BLACK CR.
 APPLICATION : FOR SUCTION AND DISCHARGE OF HEAVY DUTY PETROLEUM PRODUCTS UP TO 50% AROMATIC CONTENT.



SEELE : ÖL-UND KRAFTSTOFFBESTÄNDIG, NITRILGUMMI, SCHWARZ.
 EINLAGE : HOCHZUGSFESTE SYNTHETISCHE TEXTILEINLAGE, MIT 2 STAHLDRAHTSPIRALEN UND ANTISTATISCHER KUPFERLITZE.
 DECKE : ÖL-, OZON-, MEER- UND WITTERUNGBESTÄNDIGER, SPEZIELLER SYNTHETIKGUMMI, ABRIEBFEST, FLAMMWIDRIG
 ANWENDUNG : SAUG- UND DRUCKSCHLAUCH FÜR VERSCHIEDENE ÖLPRODUKTE MIT MAX. 50% AROMATENGEGHALT



SOTTOSTRATO : GOMMA NBR NERA, RESISTENTE AI PRODOTTI PETROLIFERI.
 RINFORZO : INSERZIONE TESSILI AD ALTA TENACITÀ, 2 SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA CR NERA RESISTENTE AGLI OLI, AI CARBURANTI, ALL'ACQUA DI MARE, ALLA FIAMMA, ALL'OZONO ET AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI PETROLIFERI CON CENTENUTO AROMATICO FINO AL 50%.



TUBE : CAOUTCHOUC NBR, NOIR, RESISTANT AUX HUILES ET HYDROCARBURES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC CR, RESISTANT AUX HUILES, AUX HYDROCARBURES, A L'EAU DE MER, A LA FLAMME, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'HYDROCARBURES A TENEUR EN AROMATIQUES JUSQU'A 50%

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|------|-----|-------|----|-----|-----|-----|-------|--------|-------|---------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3 | 76 | 93,5 | 16 | 232 | 64 | 928 | -0.80 | 608 | 3625 | max. 61 | |
| 4 | 102 | 118,5 | 16 | 232 | 64 | 928 | -0.80 | 816 | 4804 | max. 61 | |
| 5 | 127 | 149 | 10 | 145 | 40 | 580 | -0.80 | 1000 | 7588 | max. 61 | |
| 6 | 152 | 174 | 10 | 145 | 40 | 580 | -0.80 | 1216 | 9364 | max. 61 | |
| 8 | 203 | 230 | 10 | 145 | 40 | 580 | -0.80 | 1624 | 15390 | max. 20 | |



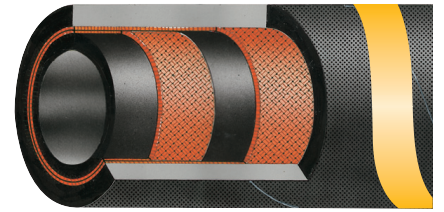
-35°C / + 80°C
 -31°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL OSRIS - FSD RS 455 OIL FUEL S/D W.P. ** BAR - (month/year)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Soft Wall Bulk Material Delivery



TUBE : HIGH ABRASION RESISTANT ANTISTATIC NR (ABRASION VALUE 70 MM3 DIN 53516)
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : SEA WATER, WEATHER AND OZONE RESISTANT BLACK, EPDM RUBBER.
 APPLICATION : FOR DISCHARGE BARITE, BENTONITE AND OTHER ABRASIVE MATERIALS.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHE KUPFERLITZE.
 DECKE : OZON-, MEERWASSER- UND WITTERUNGSBESTÄNDIGER EPDM GUMMI, SCHWARZ
 ANWENDUNG : ZUR BEFÖRDERUNG VON BARYT-, BETON- UND ANDEREN ABRASIVEN OBERFLÄCHEN



SOTTOSTRATO : GOMMA NR ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA EPDM, RESISTENTE ALL'ACQUA DI MARE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI BARITE, BENTONITE ED ALTRI MATERIALI ABRASIVI.



TUBE : CAOUTCHOUC NR CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'EAU DE MER, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE BARYTE, BENTONITE ET AUTRES MATERIAUX ABRASIFS.

| ID | | OD | WP | | BP | | BR/r | W | L |
|------|-----|-----|-----|-----|-----|-----|------|------|---------|
| inch | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 3 | 76 | 97 | 14 | 203 | 56 | 812 | 760 | 3240 | max. 61 |
| 4 | 102 | 123 | 10 | 145 | 40 | 580 | 1020 | 4500 | max. 61 |
| 5 | 127 | 149 | 10 | 145 | 40 | 580 | 1270 | 5817 | max. 61 |
| 6 | 152 | 174 | 10 | 145 | 40 | 580 | 1520 | 6634 | max. 61 |



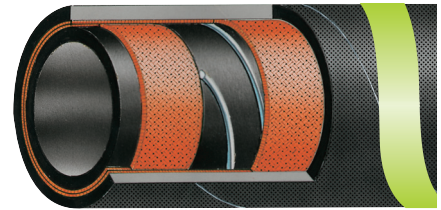
-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL OSRIS - MD RS 715 BULK MATERIAL DISCHARGE W.P. ** BAR - (month/year)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Hard Wall Bulk Material Suction & Delivery



TUBE : HIGH ABRASION RESISTANT ANTISTATIC NR (ABRASION VALUE 70 MM3 DIN 53516)
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE
 COVER : SEA WATER, WEATHER AND OZONE RESISTANT BLACK, EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE BARITE, BENTONITE AND OTHER ABRASIVE MATERIALS.



SEELE : HOCH ABRIEBFEST, LEITFÄHIG, NATURGUMMI.
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, MIT 2 STAHLDRAHTSPIRALEN UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON-, MEERWASSER- UND WITTERUNGSBESTÄNDIGER EPDM GUMMI, SCHWARZ
 ANWENDUNG : SAUG- UND DRUCKSCHLAUCH FÜR BARYT-, BETON UND ANDEREN ABRASIVEN OBERFLÄCHEN



SOTTOSTRATO : GOMMA NR ANTISTATICA, RESISTENTE ALL'ABRASIONE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, 2 SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA EPDM, RESISTENTE ALL'ACQUA DI MARE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI BARITE, BENTONITE ED ALTRI MATERIALI ABRASIVI.



TUBE : CAOUTCHOUC NR CONDUCTEUR, RESISTANT A L'ABRASION.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'EAU DE MER, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE BARYTE, BENTONITE ET AUTRES MATERIAUX ABRASIFS.

| ID | | OD | WP | | BP | | VACUUM | BR/r | W | L |
|------|-----|-----|-----|-----|-----|-----|--------|------|------|---------|
| inch | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 4 | 102 | 123 | 10 | 145 | 40 | 580 | -0.80 | 1020 | 5370 | max. 61 |
| 5 | 127 | 149 | 10 | 145 | 40 | 580 | -0.80 | 1270 | 6969 | max. 61 |
| 6 | 152 | 174 | 10 | 145 | 40 | 580 | -0.80 | 1520 | 8707 | max. 61 |



-40°C / + 70°C
 -40°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**



OSRIS - MSD RS 725 BULK MATERIAL S/D W.P. ** BAR - (month/year)



NORMS
 NORMEN
 NORME
 NORMES

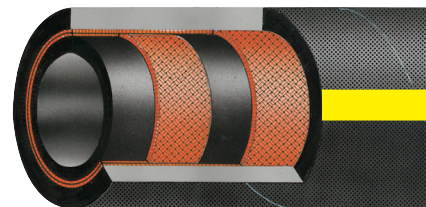
ISO 1307

COLOUR
 FARBEN
 COLORI
 COULEUR



An Eaton Brand

Soft Wall Liquid Mud Delivery



TUBE : BLACK, SPECIAL SYNTHETIC RUBBER
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND ANTISTATIC COPPER WIRE.
 COVER : SEA WATER, WEATHER AND OZONE RESISTANT BLACK CR.
 APPLICATION : FOR DISCHARGE OF HIGH PRESSURE LIQUID MUD, MINERAL OILS ETC.



SEELE : SCHWARZ, SPEZIELL SYNTHETISCHER GUMMI
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE UND ANTISTATISCHE KUPFERLITZE.
 DECKE : OZON-, MEERWASSER- UND WITTERUNGSBESTÄNDIGER CR, SCHWARZ
 ANWENDUNG : ZUR BEFÖRDERUNG VON MINERALÖLEN UND SCHLAMM USW.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA, NERA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA CR, RESISTENTE ALL'ACQUA DI MARE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI FANGHI DI PERFORAZIONE, OLI MINERALI ETC.



TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE, NOIR.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC CR, RESISTANT A L'EAU DE MER, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT DE BOUES DE FORAGE, D'HUILES MINERALES, SOUS FORTE PRESSION.

| ID | | OD | | WP | | BP | | BR/r | | W | | L | |
|------|-----|-----|-----|-----|-----|-----|------|------|------|---------|--|---|--|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m | | | |
| 3 | 76 | 97 | 97 | 40 | 580 | 165 | 2393 | 760 | 3732 | max. 61 | | | |
| 4 | 102 | 126 | 126 | 40 | 580 | 165 | 2393 | 1020 | 5689 | max. 61 | | | |



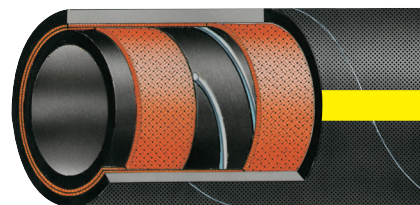
-35°C / + 80°C
 -31°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL OSRIS - LMD RS 735 LIQUID MUD DISCHARGE W.P. ** BAR - (month/year)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Hard Wall Liquid Mud Suction & Delivery



TUBE : BLACK, SPECIAL SYNTHETIC RUBBER
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : SEA WATER, WEATHER AND OZONE RESISTANT BLACK CR.
 APPLICATION : FOR SUCTION AND DISCHARGE OF HIGH PRESSURE LIQUID MUD, MINERAL OILS ETC.



SEELE : SCHWARZ, SPEZIELL SYNTHETISCHER GUMMI
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE, MIT 2 STAHLDRAHTSPIRALEN UND ANTISTATISCHER KUPFERLITZE.
 DECKE : OZON-, MEERWASSER- UND WITTERUNGSBESTÄNDIGER CR, SCHWARZ
 ANWENDUNG : SAUG- UND DRUCKSCHLAUCH FÜR MINERALÖLE UND SCHLAMM USW.



SOTTOSTRATO : GOMMA SPECIALE SINTETICA, NERA.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, 2 SPIRALE D'ACCIAIO E CORDICELLA DI RAME ANTISTATICA.
 COPERTURA : GOMMA CR, RESISTENTE ALL'ACQUA DI MARE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI FANGHI DI PERFORAZIONE, OLI MINERALI ETC.



TUBE : CAOUTCHOUC SPECIAL SYNTHETIQUE, NOIR.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET FIL DE MASSE ANTISTATIQUE.
 REVETEMENT : CAOUTCHOUC CR, RESISTANT A L'EAU DE MER, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE BOUES DE FORAGE, D'HUILES MINERALES, SOUS FORTE PRESSION.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|------|-----|-----|-----|-----|-----|-----|------|--------|------|------|---------|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 4 | 102 | 127 | 127 | 40 | 580 | 165 | 2393 | -0.80 | 1020 | 6905 | max. 61 |
| 5 | 127 | 153 | 153 | 40 | 580 | 165 | 2393 | -0.80 | 1270 | 9700 | max. 61 |



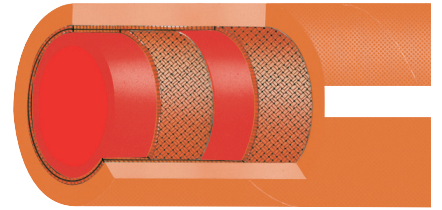
-35°C / + 80°C
 -31°F / +176°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL OSRIS - LMSD RS 745 LIQUID MUD S/D W.P. ** BAR - (month/year)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Soft Wall Potable Water Delivery (F.D.A.)



TUBE : RED NON-TOXIC, FOOD QUALITY, TASTE AND ODOUR FREE, NR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE
 COVER : SEA WATER, WEATHER AND OZONE RESISTANT ORANGE, EPDM RUBBER.
 APPLICATION : FOR DISCHARGE OF POTABLE WATER.



SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, LEBENSMITTELECHT, SPEZIELLER NBR GUMMI, ROT, SCHADSTOFFFREI
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE.
 DECKE : OZON- MEERWASSER UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, EPDM GUMMI, ORANGE.
 ANWENDUNG : ZUM DURCHLEITEN VON TRINKWASSER.



SOTTOSTRATO : NR ROSSO ATOSSICA, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ.
 COPERTURA : GOMMA EPDM, RESISTENTE ALL'ACQUA DI MARE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER MANDATA DI ACQUA POTABILE.



TUBE : NR ROUGE, NON TOXIQUE, QUALITE ALIMENTAIRE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'EAU DE MER, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR REFOULEMENT D'EAU POTABLE.

| ID | | OD | | WP | | BP | | BR/r | W | L |
|------|-----|-------|----|-----|-----|-----|------|------|---------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | mm | g/m | m |
| 3 | 76 | 93 | 10 | 145 | 40 | 580 | 760 | 3239 | max. 61 | |
| 4 | 102 | 118.5 | 10 | 145 | 40 | 580 | 1020 | 4019 | max. 61 | |
| 5 | 127 | 146 | 8 | 115 | 32 | 460 | 1270 | 5250 | max. 61 | |
| 6 | 152 | 169 | 8 | 115 | 32 | 460 | 1520 | 5830 | max. 61 | |



-30°C / + 70°C
 -22°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

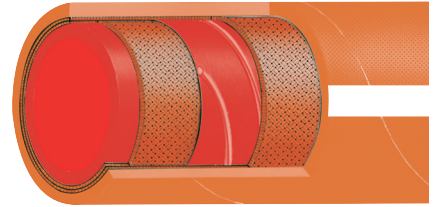


OSRIS - PW RS 835 POTABLE WATER DISCHARGE W.P. ** BAR - (month/year)



| | | | |
|------------------------------------|---|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA AND EUROPEAN REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|---|---------------------------------------|--|

Hard Wall Potable Water Suction & Delivery (F.D.A.)



TUBE : RED NON-TOXIC, FOOD QUALITY, TASTE AND ODOUR FREE, NR.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE AND STEEL WIRE HELIX.
 COVER : SEA WATER, WEATHER AND OZONE RESISTANT ORANGE, EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF POTABLE WATER.



SEELE : GESCHMACKS- UND GERUCHSNEUTRAL, LEBENSMITTELECHT, SPEZIELLER NBR GUMMI, ROT, SCHADSTOFFFREI
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT EINER STAHLDRAHTSPIRALE
 DECKE : OZON-, MEERWASSER UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, EPDM GUMMI, ORANGE.
 ANWENDUNG : FÜR TRINKWASSER GEEIGNETER SAUG- UND DRUCKSCHLAUCH.



SOTTOSTRATO : NR ROSSO ATOSSICA, DI QUALITÀ ALIMENTARE INSAPORE ED INODORE.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ E SPIRALE D'ACCIAIO.
 COPERTURA : GOMMA EPDM, RESISTENTE ALL'ACQUA DI MARE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI ACQUA POTABILE.



TUBE : NR ROUGE, NON TOXIQUE, QUALITE ALIMENTAIRE, ANTI ODEUR ET NE TRANSMETTANT PAS DE GOUT.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE ET SPIRALE EN ACIER.
 REVETEMENT : CAOUTCHOUC EPDM, RESISTANT A L'EAU DE MER, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT D'EAU POTABLE.

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|------|-----|-----|----|-----|-----|-----|-------|--------|------|---------|---|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3 | 76 | 97 | 16 | 232 | 64 | 928 | -0.80 | 608 | 4368 | max. 61 | |
| 4 | 102 | 119 | 16 | 232 | 64 | 928 | -0.80 | 816 | 4566 | max. 61 | |



-30°C / + 70°C
 -22°F / +158°F

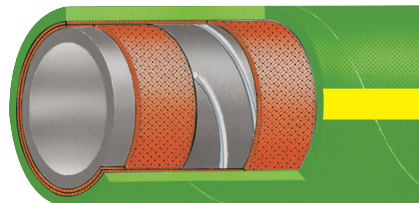
MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL OSRIS - PWSD RS 845 POTABLE WATER S/D W.P. ** BAR - (month/year)

| | | | |
|------------------------------------|---|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 MEETS FDA AND EUROPEAN REQUIREMENTS | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|---|---------------------------------------|--|

Hard Wall Chemical Suction & Delivery

XLPE



TUBE : CHEMICALS, SOLVENTS, PETROLEUM PRODUCTS & OIL RESISTANT TRANSLUCENT XLPE.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND 2 ANTISTATIC COPPER WIRES.
 COVER : SEA WATER, WEATHER, OZONE, ABRASION AND FLAME RESISTANT GREEN, EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE WIDE RANGE OF CHEMICALS, PETROLEUM PRODUCTS, OILS, SOLVENTS, ALCOHOL ETC. (SEE SEL CHEMICAL RESISTANCE CHART).



SEELE : GEGEN CHEMIKALIEN, LÖSUNGSMITTEL, ERDÖLPRODUKTE UND ÖLE BESTÄNDIGER, TRANSPARENTE XLPE - BESCHICHTUNG
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT 2 STAHLDRAHTSPIRALEN UND 2 ANTISTATISCHEN KUPFERLITZEN
 DECKE : OZON-, MEERWASSER UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER, FLAMMWIDRIGER EPDM GUMMI
 ANWENDUNG : SAUG - DRUCKSCHLAUCH GEEIGNET FÜR VIELE CHEMIKALIEN; ERDÖLPRODUKTE, ÖLE, HOCHAROMATISCHE LÖSUNGSMITTEL, ALKOHOL USW. (SIEHE SEL BESTÄNDIGKEITSLISTE)



SOTTOSTRATO : XLPE TRANSPARENTE RESISTENTE AI SOLVENTI, PRODOTTI CHIMICI, PETROLIFERI E OLII.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, 2 SPIRALE D'ACCIAIO, 2 CORDICELLA DI RAME.
 COPERTURA : GOMMA IN EPDM, VERDE, RESISTENTE ALL'ACQUA DI MARE, ALL'ABRASIONE, ALL'OZONO, ALLA FIAMMA ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DEI PRODOTTI CHIMICI, PETROLIFERI, ALCOLICI, SOLVENTI SPECIALI ED OLII. (VEDERE LA TABELLA SEL DI RESISTENZA CHIMICA).



TUBE : XLPE TRANSLUCIDE RESISTANT AUX SOLVENTS, PRODUITS CHIMIQUES, PETROLIERS E HUILES.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITE, 2 SPIRALES EN ACIER ET 2 FILS DE CUIVRE.
 REVETEMENT : CAOUTCHOUC EPDM, VERT, RESISTANT A L'ABRASION, A L'OZONE, A LA FLAMME ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DES PRODUITS CHIMIQUES, PETROLIERS, SOLVENTS, ALCOOL E HUILES ETC. ETC. (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL)

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|------|-----|-----|-----|-----|-----|-----|-----|--------|------|------|---------|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3 | 76 | 91 | 102 | 10 | 145 | 40 | 580 | -0.80 | 530 | 3150 | max. 61 |
| 4 | 102 | 120 | 140 | 10 | 145 | 40 | 580 | -0.80 | 700 | 4680 | max. 61 |



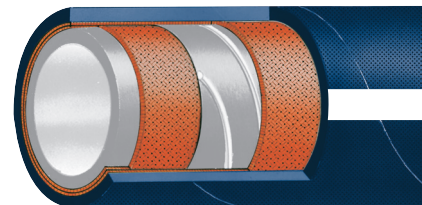
-30°C / + 70°C
 -22°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL OSRIS - CHSD RS 685 CHEMICAL S/D W.P. ** BAR - (month/year)

| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Hard Wall Chemical Suction & Delivery



UHMW-PE



TUBE : TRANSLUCENT, FOOD GRADE UHMW-PE LINER SUITABLE FOR WIDE RANGE OF CORROSIVE CHEMICALS AND SOLVENTS.
 REINFORCEMENT : HIGH TENSILE SYNTHETIC TEXTILE, 2 STEEL WIRE HELIX AND ANTISTATIC COPPER WIRE.
 COVER : SEA WATER, WEATHER, OZONE, ABRASION RESISTANT BLUE, EPDM RUBBER.
 APPLICATION : FOR SUCTION AND DISCHARGE OF ALL CORROSIVE CHEMICALS, SOLVENTS (SEE SEL CHEMICAL RESISTANCE CHART).



SEELE : GEGEN KORROSIVE CHEMIKALIEN UND LÖSUNGSMITTEL BESTÄNDIGER, TRANSPARENTER, LEBENSMITTELECHTER UHMW-PE INLINER
 EINLAGE : HOCHZUGFESTE SYNTHETISCHE TEXTILEINLAGE MIT 2 STAHLDRAHTSPIRALE UND ANTISTATISCHE KUPFERLITZE
 DECKE : OZON-, MEERWASSER UND WITTERUNGSBESTÄNDIGER, ABRIEBSFESTER EPDM GUMMI, BLAU
 ANWENDUNG : SAUG - DRUCKSCHLAUCH GEEIGNET FÜR ALLE KORROSIVE CHEMIKALIEN, HOCHAROMATISCHE LÖSUNGSMITTEL (SIEHE SEL BESTÄNDIGKEITSLISTE)



SOTTOSTRATO : UHMW-PE - TRANSPARENTE, DI QUALITÀ ALIMENTARE, RESISTENTE AI PRODOTTI CHIMICI ALTAMENTE CORROSIVI E SOLVENTI.
 RINFORZO : INSERZIONI TESSILI AD ALTA TENACITÀ, 2 SPIRALES D'ACCIAIO E CORDICELLA DI RAME.
 COPERTURA : GOMMA IN EPDM, BLU RESISTENTE, ALL'ACQUA DI MARE, ALL'ABRASIONE, ALL'OZONO ED AGLI AGENTI ATMOSFERICI.
 IMPIEGO : PER ASPIRAZIONE E MANDATA DI PRODOTTI CHIMICI CORROSIVI, SOLVENTI ETC. (VEDERE LA TABELLA SEL DI RESISTENZA CHIMICA).



TUBE : UHMW-PE TRANSLUCIDE, DE QUALITÉ ALIMENTAIRE, RESISTANT AUX PRODUITS CHIMIQUES CORROSIFS.
 RENFORCEMENT : INSERTION TEXTILE HAUTE TENACITÉ, SPIRALE EN ACIER ET FIL DE CUIVRE.
 REVETEMENT : CAOUTCHOUC EPDM, BLEU, RESISTANT A L'EAU DE MER, A L'ABRASION, A L'OZONE ET AUX AGENTS ATMOSPHERIQUES.
 APPLICATION : POUR ASPIRATION ET REFOULEMENT DE TOUS LES PRODUITS CHIMIQUE CORROSIFS, LES SOLVENTS. (VOIR LE TABLEAU DE RESISTANCE CHIMIQUE SEL)

| ID | | OD | | WP | | BP | | VACUUM | BR/r | W | L |
|------|-----|-----|-----|-----|-----|-----|-----|--------|------|------|---------|
| inch | mm | mm | mm | bar | psi | bar | psi | bar | mm | g/m | m |
| 3 | 76 | 92 | 92 | 16 | 232 | 64 | 928 | -0.80 | 530 | 3200 | max. 61 |
| 4 | 102 | 121 | 121 | 16 | 232 | 64 | 928 | -0.80 | 700 | 4750 | max. 61 |



-30°C / + 70°C
 -22°F / +158°F

MARKING / BESCHRIFTUNG / MARCATURA / MARQUAGE: **TRANSFER TAPE OR EMBOSSED**

SEL OSRIS - PE RS 610 UHMWPE CHEMICAL S/D W.P. ** BAR - (month/year)

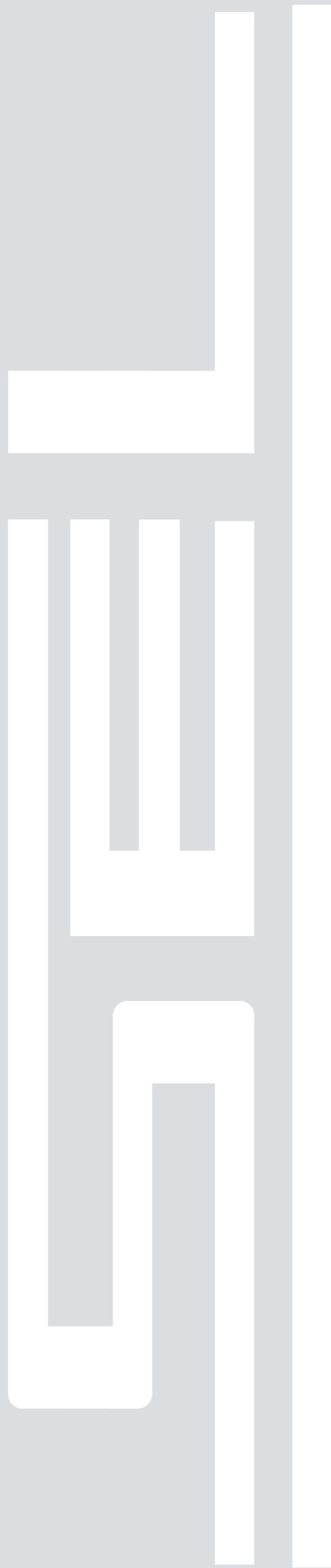
| | | | |
|------------------------------------|----------|---------------------------------------|--|
| NORMS NORMEN NORME NORMES | ISO 1307 | COLOUR FARBEN COLORI COULEUR | |
|------------------------------------|----------|---------------------------------------|--|

Info

Info

Info

Info



Conversion Chart

| | Unit | From | To | Multiply By |
|--------------------|--------------------------|-----------------|-----------------|-------------|
| Length | 1 Inch | in | m | 0.0254 |
| | 1 Meter | m | in | 39.370 |
| | 1 Foot | ft | m | 0.3048 |
| | 1 Meter | m | ft | 3.281 |
| Area | 1 Square inch | in ² | mm ² | 645.16 |
| | 1 Square meter | m ² | in ² | 1550 |
| Volume | 1 Gallon (UK) | gal | L | 4.546 |
| | 1 Liter | L | gal (UK) | 0.22 |
| | 1 Gallon (US) | gal | L | 3.78 |
| | 1 Liter | L | gal (US) | 0.264 |
| Weight | 1 Pound | 1 lb | kg | 0.454 |
| | 1 Kilogram | kg | 1 lb | 2.205 |
| Pressure | 1 Pound per square inch | psi | bar | 0.06895 |
| | 1 Bar | bar | psi | 14.5 |
| | 1 Pound per square inch | psi | Mpa | 0.006895 |
| | 1 Mega Pascal | Mpa | psi | 145.035 |
| | 1 Kilo Pascal | Kpa | bar | 0.01 |
| | 1 Bar | bar | Kpa | 100 |
| | 1 Mega Pascal | Mpa | bar | 10 |
| | 1 Bar | bar | Mpa | 0.1 |
| Velocity | 1 Foot per second | ft/s | m/s | 0.3048 |
| | 1 Meter per second | m/s | ft/s | 3.281 |
| Flow Rate | 1 Gallon per minute (UK) | gal / min. | l / min. | 4.546 |
| | 1 Liter per minute | l / min. | gal / min. (UK) | 0.22 |
| | 1 Gallon per minute (US) | gal / min. | l / min. | 3.78 |
| | 1 Liter per minute | l / min. | gal / min. (US) | 0.264 |
| Temperature | Fahrenheit degree | °F | °C | 5/9 (°F-32) |
| | Celcius degree | °C | °F | 9x°C/5+32 |

Pressure Conversion Table

| PSI | MPa | Kgf/cm ² | BARS | ATMOSPHERES | PSI | MPa | Kgf/cm ² | BARS | ATMOSPHERES | PSI | MPa | Kgf/cm ² | BARS | ATMOSPHERES | PSI | MPa | Kgf/cm ² | BARS | ATMOSPHERES |
|------|-------|---------------------|--------|-------------|------|-------|---------------------|--------|-------------|------|-------|---------------------|--------|-------------|-------|--------|---------------------|---------|-------------|
| 25 | .17 | 1.76 | 1.72 | 1.70 | 2500 | 17.24 | 175.77 | 172.50 | 170.00 | 5200 | 35.85 | 365.60 | 353.80 | 353.60 | 7900 | 54.47 | 555.42 | 545.10 | 537.20 |
| 50 | .34 | 3.52 | 3.45 | 3.40 | 2600 | 17.93 | 182.80 | 179.40 | 176.80 | 5300 | 36.54 | 372.63 | 365.70 | 360.40 | 8000 | 55.16 | 562.46 | 552.00 | 544.00 |
| 75 | .52 | 5.27 | 5.18 | 5.10 | 2700 | 18.62 | 189.83 | 186.30 | 183.60 | 5400 | 37.23 | 379.66 | 376.60 | 367.20 | 8100 | 55.85 | 565.49 | 558.90 | 550.80 |
| 100 | .69 | 7.03 | 6.90 | 6.80 | 2800 | 19.30 | 196.86 | 193.20 | 190.40 | 5500 | 37.92 | 386.69 | 379.50 | 374.00 | 8200 | 56.54 | 576.52 | 565.80 | 557.60 |
| 200 | 1.38 | 14.06 | 13.80 | 13.60 | 2900 | 19.99 | 203.89 | 200.10 | 197.20 | 5600 | 38.61 | 393.72 | 386.40 | 380.80 | 8300 | 57.23 | 583.55 | 572.70 | 564.40 |
| 300 | 2.07 | 21.09 | 20.70 | 20.40 | 3000 | 20.68 | 210.92 | 207.00 | 204.00 | 5700 | 39.30 | 400.75 | 393.30 | 387.60 | 8400 | 57.92 | 590.58 | 576.60 | 571.20 |
| 400 | 2.76 | 28.12 | 27.60 | 27.20 | 3100 | 21.37 | 217.95 | 213.90 | 210.80 | 5800 | 39.99 | 407.78 | 400.20 | 394.40 | 8500 | 58.61 | 597.61 | 586.50 | 587.00 |
| 500 | 3.45 | 35.15 | 34.50 | 34.00 | 3200 | 22.06 | 224.98 | 220.80 | 217.60 | 5900 | 40.68 | 414.81 | 407.10 | 401.20 | 8600 | 59.30 | 604.64 | 593.40 | 584.80 |
| 600 | 4.14 | 42.18 | 41.40 | 40.80 | 3300 | 22.75 | 232.01 | 227.70 | 224.40 | 6000 | 41.37 | 421.84 | 414.00 | 408.00 | 8700 | 59.98 | 611.67 | 600.30 | 591.60 |
| 700 | 4.83 | 49.21 | 48.30 | 47.60 | 3400 | 23.44 | 239.04 | 234.60 | 231.20 | 6100 | 42.06 | 428.87 | 420.90 | 414.80 | 8800 | 60.67 | 618.70 | 607.20 | 598.40 |
| 800 | 5.52 | 56.24 | 55.20 | 54.10 | 3500 | 24.13 | 246.07 | 241.50 | 238.00 | 6200 | 42.75 | 435.90 | 427.80 | 421.60 | 8900 | 61.36 | 625.73 | 614.10 | 605.20 |
| 900 | 6.21 | 63.27 | 62.10 | 61.20 | 3600 | 24.82 | 253.10 | 248.40 | 244.80 | 6300 | 43.44 | 442.93 | 434.70 | 428.40 | 9000 | 62.05 | 632.76 | 621.00 | 612.00 |
| 1000 | 6.90 | 70.31 | 69.00 | 68.00 | 3700 | 25.51 | 260.14 | 255.30 | 251.60 | 6400 | 44.13 | 449.96 | 441.60 | 435.20 | 9100 | 62.74 | 639.79 | 627.90 | 618.80 |
| 1100 | 7.59 | 77.34 | 75.90 | 74.80 | 3800 | 26.20 | 267.17 | 262.20 | 258.40 | 6500 | 44.82 | 457.00 | 448.50 | 442.00 | 9200 | 63.43 | 646.82 | 634.80 | 625.60 |
| 1200 | 8.28 | 84.37 | 82.80 | 81.60 | 3900 | 26.89 | 274.20 | 269.10 | 265.20 | 6600 | 45.51 | 464.03 | 455.40 | 448.80 | 9300 | 64.12 | 653.86 | 641.70 | 632.40 |
| 1300 | 8.97 | 91.40 | 89.70 | 88.40 | 4000 | 27.58 | 281.23 | 276.00 | 272.00 | 6700 | 46.20 | 471.06 | 462.30 | 445.60 | 9400 | 64.81 | 660.89 | 648.60 | 639.20 |
| 1400 | 9.66 | 98.43 | 96.60 | 95.20 | 4100 | 28.27 | 288.26 | 282.90 | 278.80 | 6800 | 46.88 | 478.09 | 469.20 | 462.40 | 9500 | 65.50 | 667.92 | 655.50 | 646.00 |
| 1500 | 10.35 | 105.46 | 103.50 | 102.00 | 4200 | 28.96 | 295.29 | 289.80 | 285.60 | 6900 | 47.57 | 485.12 | 476.10 | 469.20 | 9600 | 66.19 | 674.95 | 662.40 | 652.80 |
| 1600 | 11.04 | 112.49 | 110.40 | 108.80 | 4300 | 29.65 | 302.32 | 296.70 | 292.40 | 7000 | 48.26 | 492.15 | 483.00 | 476.40 | 9700 | 66.88 | 681.98 | 669.30 | 659.60 |
| 1700 | 11.73 | 119.52 | 117.30 | 115.60 | 4400 | 30.34 | 309.35 | 303.60 | 299.20 | 7100 | 48.95 | 499.18 | 489.90 | 483.20 | 9800 | 67.57 | 689.01 | 676.20 | 666.40 |
| 1800 | 12.42 | 126.55 | 124.20 | 122.40 | 4500 | 31.03 | 316.38 | 310.50 | 306.00 | 7200 | 49.64 | 506.21 | 496.80 | 489.60 | 9900 | 68.26 | 696.04 | 683.10 | 673.20 |
| 1900 | 13.11 | 133.58 | 131.10 | 129.20 | 4600 | 31.72 | 323.41 | 317.40 | 312.80 | 7300 | 50.33 | 513.24 | 503.70 | 496.40 | 10000 | 68.95 | 703.07 | 690.00 | 680.00 |
| 2000 | 13.80 | 140.61 | 138.00 | 136.00 | 4700 | 32.41 | 330.44 | 324.30 | 319.60 | 7400 | 51.02 | 520.27 | 510.60 | 503.20 | 11000 | 75.84 | 773.38 | 759.00 | 748.00 |
| 2100 | 14.49 | 147.64 | 144.90 | 142.80 | 4800 | 33.10 | 337.47 | 331.20 | 326.40 | 7500 | 51.71 | 527.30 | 517.50 | 510.00 | 12000 | 82.74 | 843.68 | 828.00 | 816.00 |
| 2200 | 15.18 | 154.68 | 151.80 | 149.60 | 4900 | 33.79 | 344.50 | 338.10 | 333.20 | 7600 | 52.40 | 534.33 | 524.40 | 516.80 | 13000 | 89.63 | 913.99 | 897.00 | 884.00 |
| 2300 | 15.87 | 161.71 | 158.70 | 156.40 | 5000 | 34.48 | 351.53 | 345.00 | 340.00 | 7700 | 53.09 | 541.36 | 531.30 | 523.60 | 14000 | 96.53 | 984.30 | 966.00 | 952.00 |
| 2400 | 16.56 | 168.74 | 165.60 | 163.20 | 5100 | 35.17 | 358.56 | 351.90 | 346.80 | 7800 | 53.78 | 548.39 | 538.20 | 530.40 | 15000 | 103.42 | 1054.60 | 1035.00 | 1020.00 |

PSI X .0068948 = Megapascals (MPa) = meganewton/meter²
 PSI X .070307 = Kilogram-force per square centimeter
 PSI X .0690 = Bars
 PSI X .0680 = Atmospheres

1 MP = 10 Bars
 1 Bar = 14.5 PSI
 1kgf/cm² = 14.22 PSI
 1 PSI = .00689 MPa

Vacuum Conversion Table

| ATM | PSI | WATER | | MERCURY | | % |
|-----|------|-------|--------------|---------|--------|-----|
| | | METER | FEET | MM | INCHES | |
| 0.1 | 1.4 | 1 | 3' 3-3/8" | 73.6 | 2.9 | 10 |
| 0.2 | 2.8 | 2 | 6' 6-3/4" | 147.1 | 5.8 | 20 |
| 0.3 | 4.2 | 3 | 9' 10-1/8" | 220.7 | 8.7 | 30 |
| 0.4 | 5.7 | 4 | 13' 1-1/2" | 249.2 | 11.6 | 40 |
| 0.5 | 7.1 | 5 | 16' 4-13/16" | 267.8 | 14.5 | 50 |
| 0.6 | 8.5 | 6 | 19' 8-3/16" | 441.3 | 17.4 | 60 |
| 0.7 | 10.0 | 7 | 22' 11-9/16" | 514.9 | 20.3 | 70 |
| 0.8 | 11.4 | 8 | 26' 2-15/16" | 588.4 | 23.2 | 80 |
| 0.9 | 12.8 | 9 | 29' 6-3/8" | 662.0 | 26.0 | 90 |
| 1.0 | 14.2 | 10 | 32' 9-11/16" | 735.5 | 29.0 | 100 |

CHEMICAL RESISTANCE CHART

CHEMISCHE BESTÄNDIGKEITSLISTE

TABELLA RESISTENZA CHIMICA

TABLEAU DE REZISTANCE CHIMIQUE



| | |
|---|----------------|
| E | EXCELLENT |
| G | GOOD |
| F | FAIR |
| C | ACCEPTABLE |
| X | UNSATISFACTORY |
| - | NO DATA |



| | |
|---|-----------------|
| E | SEHR GUT |
| G | GUT |
| F | MITTEL |
| C | AKZEPTABEL |
| X | NICHT BESTÄNDIG |
| - | KEIN WERT |



| | |
|---|-------------|
| E | PERFETTO |
| G | BUONO |
| F | MEDIA |
| C | ACCETTABILE |
| X | CATTIVO |
| - | SENZA DATA |



| | |
|---|----------------|
| E | EXCELLENT |
| G | BONNE |
| F | JUSTE |
| C | ACCEPTABLE |
| X | NE CONVIENTPAS |
| - | AUCUNE DONNEE |

| | NR | SBR CBR | CR | NBR | IIR | CSM | EPDM EPM | XLPE | UHMWPE |
|------------------------------|----|------------|----|-----|-----|-----|-------------|------|--------|
| ACETALDEHYDE | F | F | F | X | E | C | E | E | E |
| ACETIC ACID, 10 % | X | C | C | X | E | F | E | E | E |
| ACETIC ACID, 50 % | X | C | X | X | E | X | E | E | E |
| ACETIC ANHYDRIDE | X | C | G | X | G | E | E | E | E |
| ACETONE | C | C | X | X | E | F | E | E | E |
| ACETYLENE | G | G | G | E | E | G | E | E | E |
| ACRYLIC ACID | - | - | - | - | - | - | - | - | G |
| ADIPIC ACID | G | G | G | G | E | - | E | E | E |
| AIR, +300 F | X | X | X | X | F | X | G | - | - |
| ALUM | E | E | E | E | E | E | E | E | E |
| ALUMINUM CHLORIDE | E | E | E | E | E | E | E | E | E |
| ALUMINUM HYDROXIDE | E | - | E | G | - | G | - | - | E |
| AMINO BENZENE | X | X | X | X | E | F | E | E | G |
| AMINODIMETHYLBENZENE | X | X | X | X | X | X | G | G | G |
| AMMONIUM CHLORIDE | E | E | E | E | E | E | E | E | E |
| AMMONIUM HYDROXIDE | X | X | E | X | E | G | E | E | E |
| ANIMAL FATS | X | X | C | E | G | F | G | E | E |
| ARGON | E | E | E | E | E | C | E | E | E |
| ARSENIC ACID | G | E | E | E | E | E | E | E | E |
| ASPHALT | X | X | F | F | F | E | X | F | F |
| ASTM FUEL A | X | X | E | E | X | F | X | E | E |
| ASTM FUEL B | X | X | F | E | X | E | X | E | E |
| ASTM FUEL C | X | X | X | G | X | F | X | - | - |
| ASTM OIL NO.1 | X | X | E | E | X | X | X | E | E |
| ASTM OIL NO.2 | X | X | G | E | X | G | X | E | E |
| ASTM OIL NO.3 | X | X | X | E | X | F | X | E | E |
| ASTM OIL NO.4 | X | X | X | G | X | X | X | - | - |
| AUTOMATIC TRANSMISSION FLUID | X | X | G | E | X | X | X | - | - |
| BARIUM CHLORIDE | E | E | E | E | E | C | E | E | E |
| BARIUM HYDROXIDE | E | E | E | E | E | E | E | E | E |
| BEER | E | E | E | E | E | E | E | E | E |
| BENZALDEHYDE | X | X | X | X | E | E | E | E | E |
| BENZENE | X | X | X | X | X | G | X | F | F |
| BENZINE | X | X | G | E | X | X | X | G | G |
| BENZOIC ACID | X | X | F | X | X | C | F | E | E |
| BENZYL ALCOHOL | X | X | C | X | G | X | G | E | E |
| BLEACH | X | X | X | X | G | F | G | G | F |
| BORAX SOLUTION | G | G | E | C | E | X | E | G | - |
| BORIC ACID | E | E | E | E | E | E | E | E | E |
| BRAKE FLUID (HD-557) 12 DAYS | - | E | G | C | G | E | E | - | - |

| | NR | SBR CBR | CR | NBR | IIR | CSM | EPDM EPM | XLPE | UHMWPE |
|------------------------------|----|------------|----|-----|-----|-----|-------------|------|--------|
| BROMOBENZENE | X | X | X | X | X | X | X | C | G |
| BUNKER OIL | X | X | X | E | X | X | X | G | G |
| BUTADIENE | X | X | X | X | X | C | C | G | G |
| BUTANE | X | X | E | E | X | G | X | - | - |
| BUTYL ALCOHOL | E | E | E | E | G | G | E | E | E |
| BUTYLENE | X | X | C | G | X | X | X | - | F |
| BUTYRIC ACID | - | - | - | - | - | - | C | E | E |
| CALCIUM BICHROMATE | - | - | - | - | E | F | - | G | F |
| CALCIUM CHLORIDE | E | E | E | E | E | E | E | E | E |
| CALCIUM HYDROXIDE | E | E | E | E | E | E | E | E | E |
| CALCIUM HYPOCHLORITE | E | E | E | E | E | E | E | E | E |
| CARBON DIOXIDE | G | G | G | E | G | G | G | G | G |
| CARBON MONOXIDE | G | G | G | E | E | G | E | G | G |
| CARBONIC ACID | E | C | E | C | E | E | G | E | E |
| CAUSTIC SODA (SEE SOD. HYD.) | G | G | G | F | G | G | G | G | E |
| CHLORINATED SOLVENTS | X | X | X | X | X | X | X | G | G |
| CHLOROBENZENE | X | X | X | X | X | X | X | G | G |
| CHLOROFORM | X | X | X | X | X | X | X | G | G |
| CHROME PLATING SOLUTIONS | X | X | X | X | X | X | G | - | - |
| CHROMIC ACID | X | X | X | X | F | G | C | G | G |
| CITRIC ACID | E | E | E | E | E | E | E | E | E |
| COAL OIL | X | X | - | X | X | X | X | E | E |
| COAL TAR | X | X | G | E | X | X | X | E | E |
| COAL TAR NAPHTHTHA | X | X | - | - | X | X | - | E | E |
| COCONUT OIL | X | X | G | E | G | X | C | E | - |
| COKE OVEN GAS | X | X | X | X | X | X | X | E | - |
| COPPER CHLORIDE | F | E | C | C | E | E | E | E | E |
| COPPER CYANIDE | E | E | E | E | E | E | E | E | - |
| COPPER HYDROXIDE | F | G | - | - | E | G | - | E | E |
| COPPER SULFATE | F | E | E | E | E | E | E | E | E |
| CORN OIL | X | X | C | E | E | X | C | E | - |
| COTTONSEED OIL | X | X | C | C | C | X | C | C | G |
| CRUDE OIL | X | X | X | G | X | X | X | E | E |
| CUMENE | X | X | X | X | X | X | X | E | E |
| CUPRIC HYDROXIDE | - | - | - | - | - | - | - | - | - |
| CUPRIC SULFATE | F | E | - | - | E | E | - | E | E |
| CYCLOHEXANE | X | X | X | G | X | X | X | G | E |
| CYCLOHEXANOL | X | X | G | C | X | X | X | E | E |
| CYCLOPENTANE | X | X | - | - | X | X | - | E | E |
| CYCLOPENTANOL | X | X | - | - | X | X | - | E | E |

CHEMICAL RESISTANCE CHART

CHEMISCHE BESTÄNDIGKEITSLISTE

TABELLA RESISTENZA CHIMICA

TABLEAU DE REZISTANCE CHIMIQUE



| | |
|---|----------------|
| E | EXCELLENT |
| G | GOOD |
| F | FAIR |
| C | ACCEPTABLE |
| X | UNSATISFACTORY |
| - | NO DATA |



| | |
|---|-----------------|
| E | SEHR GUT |
| G | GUT |
| F | MITTEL |
| C | AKZEPTABEL |
| X | NICHT BESTÄNDIG |
| - | KEIN WERT |



| | |
|---|-------------|
| E | PERFETTO |
| G | BUONO |
| F | MEDIA |
| C | ACCETTABILE |
| X | CATTIVO |
| - | SENZA DATA |



| | |
|---|----------------|
| E | EXCELLENT |
| G | BONNE |
| F | JUSTE |
| C | ACCEPTABLE |
| X | NE CONVIENTPAS |
| - | AUCUNE DONNEE |

| | NR | SBR CBR | CR | NBR | IIR | CSM | EPDM EPM | XLPE | UHMWPE |
|---------------------------|----|------------|----|-----|-----|-----|-------------|------|--------|
| DDT IN KEROSENE | X | X | F | E | X | X | X | E | E |
| DETERGENT, WATER SOLUTION | G | G | G | E | E | G | E | - | - |
| DEVELOPING FLUID (PHOTO) | E | G | E | E | G | E | G | - | - |
| DI-SO BUTYLENE | X | X | X | G | X | X | X | E | - |
| DIAMMONIUM PHOSPHATE | - | - | - | - | - | - | - | - | - |
| DIAMYL NAPHTHALENE | X | X | - | - | E | X | - | E | - |
| DIBENZYL ETHER | X | X | X | X | E | X | X | E | E |
| DIBROMOBENZENE | X | X | - | - | X | X | - | E | G |
| DIBROMOMETHANE | - | - | - | - | - | - | - | - | - |
| DIBUTYL ETHER | X | X | X | X | G | X | C | E | E |
| DIBUTYLAMINE | X | X | X | X | X | X | X | - | E |
| DICHLOROBENZENE | X | X | X | X | X | X | X | G | G |
| DICHLORODIFLUOROMETHANE | X | X | - | - | X | X | - | - | E |
| DICHLOROETHANE | X | X | - | - | X | X | - | E | E |
| DICHLOROETHYL ETHER | X | X | - | - | X | X | - | E | E |
| DICHLOROHEXANE | X | X | - | - | X | X | - | E | E |
| DICHLOROMETHANE | X | X | - | - | X | X | - | E | E |
| DICHLOROPROPANE | X | X | - | - | X | X | - | E | E |
| DICHLOROTOLUENE | - | - | - | - | - | - | - | - | - |
| DIESEL OIL | X | X | C | E | X | C | X | C | E |
| DIETHANOL AMINE | G | G | - | - | E | F | - | - | E |
| DIETHYL ETHER | X | X | C | X | X | X | X | E | - |
| DIETHYL KETONE | F | X | - | - | G | X | - | E | E |
| DIETHYLPHTHALATE | X | X | X | - | E | X | G | E | E |
| DIETHYL SULFATE | - | - | - | - | - | - | - | - | E |
| DIETHYLAMINE | G | G | C | C | E | C | G | C | E |
| DIMETHYL KETONE | - | - | - | - | - | - | - | - | E |
| DIMETHYL SULFATE | - | - | - | - | - | - | - | - | E |
| DIMETHYLAMINE | - | - | - | - | - | - | - | E | E |
| DIMETHYLBENZENE | - | - | - | - | - | - | - | - | E |
| DISODIUM PHOSPHATE | E | E | - | - | E | E | - | E | E |
| DIVINYL BENZENE | X | X | - | - | X | X | - | E | E |
| DRY CLEANING FLUIDS | - | X | X | C | X | X | X | - | - |
| ETHANOIC ACID | - | - | - | - | - | - | - | - | - |
| ETHANOL (GRAIN ALCOHOL) | E | E | E | C | E | E | E | E | E |
| ETHANOLAMINE | G | G | G | G | E | C | E | C | E |
| ETHERS | X | X | X | X | X | X | C | - | - |
| ETHYL ACETATE | X | X | X | X | G | X | C | E | E |
| ETHYL ALCOHOL | E | E | E | C | E | E | E | E | E |

| | NR | SBR CBR | CR | NBR | IIR | CSM | EPDM EPM | XLPE | UHMWPE |
|-----------------------------|----|------------|----|-----|-----|-----|-------------|------|--------|
| ETHYL ALDEHYDE | F | - | - | - | E | - | - | E | E |
| ETHYL BENZENE | X | X | X | X | X | X | X | E | E |
| ETHYL CHLORIDE | X | X | X | X | F | X | X | G | G |
| ETHYL ETHER | X | X | X | C | C | X | X | E | E |
| ETHYL PHTHALATE | - | - | - | - | - | - | - | - | E |
| ETHYL SILICATE | F | F | E | E | E | G | E | E | E |
| ETHYLAMINE | F | F | - | - | G | F | - | - | E |
| ETHYLENE DIAMINE | G | G | E | E | E | F | E | E | E |
| ETHYLENE DIBROMIDE | X | X | X | X | X | X | C | G | F |
| ETHYLENE DICHLORIDE | X | X | X | X | X | X | X | G | G |
| FATTY ACIDS | X | X | C | C | X | X | X | E | G |
| FERRIC CHLORIDE | E | E | G | E | E | E | E | E | E |
| FERRIC NITRATE | E | E | E | E | E | E | E | E | - |
| FERRIC SULFATE | E | E | E | E | E | E | E | E | E |
| FORMALDEHYDE | G | C | C | X | E | C | G | E | E |
| FORMIC ACID | G | G | C | X | E | F | E | C | E |
| FREON SO 2 | - | - | E | - | - | - | E | - | - |
| FREON 113 | C | G | E | E | - | E | C | - | - |
| FREON 12 | X | X | G | G | X | X | X | C | E |
| FREON 22 | X | X | X | X | F | X | - | C | E |
| FUEL OIL | X | X | G | E | X | E | X | C | E |
| GAS, COAL | - | - | - | - | - | - | - | - | - |
| GAS, HIGH OCTANE | - | - | X | G | - | - | X | - | - |
| GLUCOSE | E | E | G | G | E | E | G | E | G |
| GLYCERINE | E | E | E | E | E | E | E | C | E |
| GREASE | X | X | X | E | X | X | X | G | E |
| HELIUM | E | E | E | E | E | E | E | - | - |
| HEXANE | X | X | C | C | X | X | X | G | G |
| HEXANOL | E | E | - | - | E | E | - | E | E |
| HEXENE | X | X | G | G | X | G | X | E | G |
| HYDRAULIC & MOTOR OIL | X | X | C | E | X | G | X | E | - |
| HYDROBROMIC ACID | E | X | X | X | E | E | E | C | G |
| HYDROCHLORIC ACID | E | X | X | X | F | X | X | E | E |
| HYDROCIANIC ACID | X | - | E | C | E | C | C | - | - |
| HYDROFLUORIC ACID | X | X | X | X | E | E | X | C | E |
| HYDROGEN CHLORIDE ANHYDROUS | - | - | - | - | - | - | - | - | - |
| HYDROGEN DIOXIDE (10 %) | X | X | - | - | F | - | - | - | G |
| HYDROGEN GAS | G | G | E | E | E | G | E | E | E |
| HYDROGEN PEROXIDE OVER 10 % | X | X | X | X | X | X | X | C | F |

CHEMICAL RESISTANCE CHART

CHEMISCHE BESTÄNDIGKEITSLISTE

TABELLA RESISTENZA CHIMICA

TABLEAU DE REZISTANCE CHIMIQUE



| | |
|---|----------------|
| E | EXCELLENT |
| G | GOOD |
| F | FAIR |
| C | ACCEPTABLE |
| X | UNSATISFACTORY |
| - | NO DATA |



| | |
|---|-----------------|
| E | SEHR GUT |
| G | GUT |
| F | MITTEL |
| C | AKZEPTABEL |
| X | NICHT BESTÄNDIG |
| - | KEIN WERT |



| | |
|---|-------------|
| E | PERFETTO |
| G | BUONO |
| F | MEDIA |
| C | ACCETTABILE |
| X | CATTIVO |
| - | SENZA DATA |



| | |
|---|----------------|
| E | EXCELLENT |
| G | BONNE |
| F | JUSTE |
| C | ACCEPTABLE |
| X | NE CONVIENTPAS |
| - | AUCUNE DONNEE |

| | NR | SBR CBR | CR | NBR | IIR | CSM | EPDM EPM | XLPE | UHMWPE |
|------------------------------|----|------------|----|-----|-----|-----|-------------|------|--------|
| HYDROGEN PEROXIDE 10 % | X | X | X | X | F | F | F | C | G |
| IODINE | C | C | C | C | C | E | C | C | E |
| JET FUELS | X | X | X | E | X | X | X | E | E |
| KEROSENE | X | X | X | E | X | C | X | E | E |
| KETONES | X | X | X | C | E | X | E | - | - |
| LACQUER SOLVENTS | X | X | X | X | X | X | X | G | - |
| LACTIC ACID - COLD | G | G | G | X | E | G | X | C | - |
| LACTIC ACID - HOT | X | X | X | X | - | C | X | - | - |
| LAVENDER OIL | X | X | X | G | X | X | X | G | - |
| LEAD ACETATE | E | X | X | G | G | X | E | E | E |
| LEAD NITRATE | E | E | E | E | E | X | E | - | - |
| LEAD SULFATE | - | - | - | - | - | E | E | E | E |
| LIME | - | - | - | X | - | - | G | - | - |
| LINOLEIC ACID | X | X | X | G | X | X | X | - | - |
| LINSEED OIL | X | X | X | E | C | C | X | C | E |
| LIQUID PETROLEUM GAS (LPG) | X | X | X | E | X | X | X | E | X |
| LUBRICATING OILS | X | X | X | G | X | F | X | E | E |
| LYE SOLUTIONS | G | G | G | G | E | E | E | - | G |
| MEK | X | X | X | X | G | X | E | E | G |
| MAGNESIUM CHLORIDE | E | E | E | E | E | E | E | E | E |
| MAGNESIUM HYDROXIDE | E | G | G | G | E | G | E | E | E |
| MAGNESIUM SULFATE & SULPHITE | E | E | E | E | E | E | E | E | E |
| MALEIC ACID | X | X | X | X | X | X | X | G | E |
| MALIC ACID | C | C | C | C | X | G | X | C | G |
| MERCURY | E | E | E | E | E | E | E | E | - |
| MERCURY VAPORS | E | E | E | E | E | E | E | - | - |
| METHANOIC ACID | - | - | - | - | - | - | - | - | - |
| METHANOL (METHYL ALCOHOL) | E | E | E | E | E | E | E | - | E |
| METHYL ACETATE | X | X | X | X | G | X | E | E | E |
| METHYL CHLORIDE | X | X | X | X | C | X | X | G | E |
| METHYL CYANIDE | - | - | - | - | - | - | - | - | - |
| METHYL METHACRYLATE | X | X | X | X | X | X | C | G | G |
| MINERAL OIL | X | X | X | E | X | F | X | E | - |
| MINERAL SPIRITS | X | X | X | E | X | X | X | E | E |
| MOLTEN SULFUR | X | X | X | - | G | F | - | X | - |
| MONOCHLOROBENZENE | X | X | X | X | X | X | X | G | G |
| MORPHOLINE | - | - | - | X | - | - | X | - | - |
| MOTOR OIL, 40 W | - | - | - | - | - | - | - | - | - |
| MURIATIC ACID | E | X | X | X | F | X | F | E | E |
| N-OCTANE | X | X | X | G | X | X | X | G | - |

| | NR | SBR CBR | CR | NBR | IIR | CSM | EPDM EPM | XLPE | UHMWPE |
|------------------------------|----|------------|----|-----|-----|-----|-------------|------|--------|
| NAPHTHA | X | X | X | C | X | - | X | E | E |
| NAPHTHALENE | X | X | X | X | F | X | X | E | E |
| NAPHTHENIC ACIDS | X | X | X | G | - | X | X | - | - |
| NATURAL GAS | X | X | E | E | X | F | X | C | - |
| NEON GAS | E | E | E | E | E | E | E | - | - |
| NICKEL CHLORIDE | E | E | G | E | E | E | E | E | E |
| NICKEL NITRATE | E | E | E | - | E | E | E | E | E |
| NICKEL SULFATE | E | E | E | E | E | E | E | E | E |
| NITRIC ACID, CONC (16N) | X | X | X | X | C | G | X | G | - |
| NITRIC ACID, RED FUMING | X | X | X | X | G | X | X | X | X |
| NITRIC ACID, 10 % | X | X | X | X | G | X | C | C | E |
| NITRIC ACID, 13 N | - | - | - | - | - | - | - | - | - |
| NITRIC ACID, 13 N + 5 % | - | - | - | - | - | - | - | - | - |
| NITRIC ACID, 20 % | X | X | X | X | G | X | G | E | E |
| NITRIC ACID, 30 % | X | X | X | X | F | X | C | E | G |
| NITRIC ACID, 30 % - 70 % | X | X | X | X | F | F | F | G | F |
| NITROBENZENE | X | X | X | X | F | X | X | E | E |
| NITROETHANE | G | G | C | X | G | G | G | E | - |
| NITROGEN | E | E | E | E | E | E | E | E | E |
| NITROMETHANE | G | C | C | X | G | C | G | E | - |
| NITROUS OXIDE GAS | - | - | - | - | - | - | - | - | E |
| OIL-PETROLEUM | X | X | G | E | X | F | X | E | G |
| OLEIC ACID | X | X | X | C | G | X | X | E | E |
| OLEUM (FUMING SULFURIC ACID) | X | X | X | C | X | X | X | X | X |
| OLIVE OIL | X | X | E | E | E | F | E | C | - |
| ORTHO-DICHLOROBENZENE | X | X | X | X | X | X | X | G | E |
| ORTHOXYLENE | X | X | - | - | X | X | - | E | G |
| OXALIC ACID | X | X | X | X | E | X | E | G | E |
| OZONE | X | X | C | X | G | G | E | E | E |
| PAINT THINNER | X | X | X | X | X | X | X | - | - |
| PALMITIC ACID | X | X | C | E | E | C | C | C | E |
| PAPERMAKERS ALUM | E | E | E | E | E | E | E | E | E |
| PARA-DICHLOROBENZENE | X | X | X | X | X | X | X | G | - |
| PARAFFIN WAX | X | X | G | E | X | X | X | X | E |
| PARALDEHYDE | F | - | - | - | E | - | - | E | E |
| PARAXYLENE | X | X | - | - | X | X | - | E | E |
| PENTACHLOROETHANE | X | X | - | - | X | X | - | E | E |
| PENTANE | X | X | G | E | X | F | X | G | G |
| PERCHLORIC ACID-2 N | X | X | C | X | G | G | C | E | - |
| PHENOL | X | X | X | X | G | G | G | E | E |

CHEMICAL RESISTANCE CHART

CHEMISCHE BESTÄNDIGKEITSLISTE

TABELLA RESISTENZA CHIMICA

TABLEAU DE REZISTANCE CHIMIQUE



| | |
|---|----------------|
| E | EXCELLENT |
| G | GOOD |
| F | FAIR |
| C | ACCEPTABLE |
| X | UNSATISFACTORY |
| - | NO DATA |



| | |
|---|-----------------|
| E | SEHR GUT |
| G | GUT |
| F | MITTEL |
| C | AKZEPTABEL |
| X | NICHT BESTÄNDIG |
| - | KEIN WERT |



| | |
|---|-------------|
| E | PERFETTO |
| G | BUONO |
| F | MEDIA |
| C | ACCETTABILE |
| X | CATTIVO |
| - | SENZA DATA |



| | |
|---|----------------|
| E | EXCELLENT |
| G | BONNE |
| F | JUSTE |
| C | ACCEPTABLE |
| X | NE CONVIENTPAS |
| - | AUCUNE DONNEE |

| | NR | SBR CBR | CR | NBR | IIR | CSM | EPDM EPM | XLPE | UHMWPE |
|---------------------------------|----|------------|----|-----|-----|-----|-------------|------|--------|
| PHOSPHORIC ACID 10 % | E | E | X | X | E | E | X | E | E |
| PHOSPHORIC ACID 10 % - 85 % | G | G | X | X | G | E | X | E | E |
| PINE OIL | X | X | X | X | X | X | X | E | E |
| POTASSIUM BISULFATE | E | E | - | - | E | E | - | E | E |
| POTASSIUM CARBONATE | E | E | E | - | E | E | E | E | E |
| POTASSIUM CHLORIDE | E | E | E | E | E | E | E | E | E |
| POTASSIUM CHROMATE | - | - | - | - | E | F | - | G | G |
| POTASSIUM CYANIDE | E | E | E | E | E | E | E | E | - |
| POTASSIUM DICHROMATE | G | G | E | E | E | F | E | G | G |
| POTASSIUM HYDROXIDE | E | G | C | X | E | G | E | E | G |
| POTASSIUM PERMANGANATE, 5 % | - | - | - | - | - | - | - | - | - |
| POTASSIUM SULFATE | E | E | E | E | E | E | E | E | E |
| PROPANE | X | X | C | E | X | G | X | E | - |
| PROPYLENE | X | X | X | X | X | X | X | - | - |
| REFRIGERANT 11 | - | - | X | G | - | - | X | - | - |
| REFRIGERANT 12 | - | - | G | E | - | - | X | - | - |
| REFRIGERANT 22 | - | - | G | X | - | - | X | - | - |
| SAL AMMONIAC | E | E | E | E | E | E | E | - | - |
| SEA WATER | E | E | G | E | E | E | E | E | E |
| SEWAGE | F | F | E | E | F | E | F | E | E |
| SILICONE OIL | E | E | E | E | E | E | E | - | - |
| SILVER NITRATE | E | E | E | G | E | E | E | E | - |
| SOAP SOLUTIONS | G | E | G | E | E | E | E | E | E |
| SODA ASH | E | E | E | E | E | E | E | E | E |
| SODA LIME | E | G | - | - | E | G | - | E | E |
| SODIUM ACETATE | X | X | G | G | G | X | E | E | E |
| SODIUM BICARBONATE | E | E | E | E | E | E | E | - | - |
| SODIUM BISULFATE | F | F | E | E | F | E | E | E | E |
| SODIUM BORATE | E | E | E | E | E | E | E | E | - |
| SODIUM CARBONATE | E | E | E | E | E | E | E | E | E |
| SODIUM CHLORIDE | E | E | E | E | E | E | E | E | E |
| SODIUM CYANIDE | E | E | E | E | E | E | E | E | - |
| SODIUM DICHROMATE | C | C | C | C | E | F | E | G | E |
| SODIUM HYDROXIDE (CAUSTIC SODA) | E | G | G | X | E | G | E | E | E |
| SODIUM HYPOCHLORITE | X | X | X | G | G | F | G | G | G |
| SODIUM NITRATE | E | E | G | G | E | E | E | E | E |
| SODIUM PEROXIDE | G | G | G | G | E | G | E | E | - |
| SODIUM PHOSPHATE | E | E | G | E | E | E | E | E | - |
| SODIUM SULFATE | E | E | E | E | E | E | E | E | E |
| SOYBEAN OIL | X | X | G | E | E | G | C | E | G |
| STEAM, BELOW 350 DEG F | X | X | X | X | G | X | E | X | - |
| STEARIC ACID | X | X | G | G | G | X | G | E | E |

| | NR | SBR CBR | CR | NBR | IIR | CSM | EPDM EPM | XLPE | UHMWPE |
|----------------------------|----|------------|----|-----|-----|-----|-------------|------|--------|
| STYRENE | X | X | X | X | X | X | X | G | G |
| SULFUR | X | X | X | X | F | G | G | - | - |
| SULFUR CHLORIDE | X | X | C | C | X | G | X | E | - |
| SULFUR DIOXIDE | C | C | X | X | G | G | G | C | G |
| SULFURIC ACID 60 % (200F) | - | - | - | - | - | - | - | C | G |
| SULFURIC ACID, CONC. | X | X | X | X | X | E | X | E | G |
| SULFURIC ACID, FUMING | X | X | X | X | X | X | X | X | X |
| SULFURIC ACID, 25 % | X | X | X | X | G | E | E | E | E |
| SULFURIC ACID, 25 % - 50 % | X | X | X | X | C | G | G | E | E |
| SULFURIC ACID, 50 % - 96 % | X | X | X | X | X | C | X | G | G |
| TAR | X | X | G | X | X | X | X | X | X |
| TAR BITUMINOUS | X | X | C | G | X | X | X | - | - |
| TARTARIC ACID | C | X | G | E | E | E | G | C | E |
| TETRACHLORO BENZENE | X | X | - | - | X | X | - | G | G |
| TETRACHLOROETHANE | X | X | - | - | X | X | - | E | G |
| TETRACHLOROETHYLENE | X | X | X | X | X | X | X | E | E |
| TETRACHLOROMETHANE | X | X | - | - | X | X | - | E | E |
| TIN CHLORIDE | E | E | - | - | E | E | - | E | E |
| TITANIUM TETRACHLORIDE | X | X | X | G | X | X | X | - | G |
| TOLUENE | X | X | X | X | E | X | X | G | E |
| TRICHLOROACETIC ACID | C | G | X | G | G | X | G | E | - |
| TURPENTINE | X | X | X | X | X | X | X | G | E |
| UREA | - | - | E | - | E | - | - | E | E |
| URETHANE FORMULATIONS | - | - | - | E | - | - | - | - | - |
| URIC ACID | - | - | - | - | - | - | - | - | - |
| VARNISH | X | X | X | G | - | X | X | - | - |
| VEGETABLE OILS | X | X | C | E | E | X | C | E | - |
| VINEGAR | E | F | F | X | E | F | E | X | - |
| VINEGAR ACID | - | - | - | - | - | - | - | - | - |
| VINYL ACETATE | X | X | - | - | G | X | - | E | E |
| VINYL BENZENE | X | X | - | - | X | X | - | G | E |
| VINYL CHLORIDE | X | X | X | X | X | X | X | E | E |
| VINYL CYANIDE | - | - | - | - | - | - | - | - | - |
| VINYL STYRENE | - | - | - | - | - | - | - | - | - |
| VINYL TOLUENE | X | X | - | - | X | X | - | E | E |
| WATER | E | E | E | E | E | E | E | E | E |
| WATER, BOILING | C | C | E | C | C | C | E | C | C |
| WHISKEY | E | E | E | E | E | E | E | E | E |
| WINES | E | E | E | E | E | E | E | E | E |
| ZINC CHLORIDE | E | E | E | E | E | E | E | E | E |
| ZINC CHROMATE | - | - | - | - | E | F | - | G | E |
| ZINC SULFATE | G | G | E | E | E | E | E | E | E |

Use - Maintenance - Conservation - Shipment & Storage

Hoses have a certain life-time. Users must necessarily choose the hose that suits best to the work to be carried out. In case the work to be carried out brings about risks, users must use a hose of a nature enabling elimination of all possible risks.

Particularly, users must pay ultimate attention to opted hose in case of high operating pressures. Hoses must not be used for any purpose other than those that are met for design specifications. The hose must be used in such a way that there should be no sharp bending.

Hoses must not be used under such pressures higher than operation pressures specified in their design characteristics. During hose use, there must be no sudden pressure increase, however, the pressure must be increased gradually. Hoses must not be kinked, and forced by associated apparatuses and devices during use. When carrying big-size heavy hoses, attention must be paid for proper carriage by using hangers or carriage equipments. Particularly, in A/V heavy duty hoses, proper supporting apparatuses must be used.

During storage, hoses may negatively be affected from ozone, sunlight, oils, solvents, smoke, corrosive liquids, insects, rodents and radioactive materials. Proper storage for hoses depends on diameter and length size, quantity and packaging type of the hose. If hoses are bundled, bundles must not be stowed vertically but horizontally. Generally, wire braided and heavy hoses should be placed at the bottom while light hoses should be superposed.

If possible, hoses must be stored in their original packaging. If hoses are stored in cases, wood or cardboard cases should be preferred. Ideal storage temperature is 10-20 °C. Avoid storing at temperatures higher than 38 °C.

Unless otherwise specified in their design, hoses harden under 0 °C. Therefore, they must be restored to operating temperature range, if possible, before use. Hoses must be kept away from heat sources (radiator, stove, etc.) and hot surfaces. They must not be stored at such environments with high and low humidity conditions. Hoses are negatively affected from conditions of high ozone concentration. They must be protected from direct or reflecting sunlight. Lights emitted by florescent and mercury lamps have detrimental effects on unpackaged hoses. Storage area should be relatively cool and dark, and free from mold and humidity. When using hoses, FIFO (First In, First Out) principle should be preferred for moving out of storage area. If foregoing instructions are observed, the life of hose will be prolonged.

Sales Terms & Conditions

1.Scope: These terms and conditions apply to your purchase from Polimer Kaucuk (referred to below as Seller). You (referred to below as Buyer or Buyers) acknowledge that Buyer is fully aware of the contents of these terms and conditions and, on placing any purchase order for any products; Buyer agree to be bound by and accept these terms and conditions. Buyers acknowledgement receipt and acceptance of products shall constitute of Buyer's acceptance of the terms and conditions stated herein.

2.Ordering Process: Orders received by the Seller are accepted only upon written confirmation. Seller possesses the exclusive right to accept or refuse all orders. Until written confirmation from the Seller no bid, offer, or quotation will be binding upon the Seller.

3.Prices: All prices are subject to change and the Seller shall notify the Buyer before shipment.

4.Delivery: The Seller reserves the right to select shipment method and term. All shipments shall be EXW unless differently agreed in the contract. Claims for damage or loss in transit must be filled by Buyer against to carrier.

Delivery dates are estimates and not guaranteed by Seller. Seller shall not be liable or failure or delay in shipping goods, if such failure or delay is due to an act of God, fire, flood, war, labor difficulties, accident, strikes, lockouts, civil disorders, governmental priorities or embargos, inability or difficulty in obtaining raw materials or supplies at contracted raw material prices or any other reasons which are beyond the control of the seller. In such cases Seller should notify buyer of these causes of this force major. Buyer shall not refuse to accept deliveries so delayed.

Buyer is responsible for collecting products in five business days upon buyer's notice of readiness for shipment. Buyer shall be responsible for all storage and related expenses caused by Buyer's delay collecting the products.

5.The contract modification and cancellation: Buyer may not cancel or modify any order without Seller's prior written consent and accepts responsibility for all the applicable costs incurred by the Seller due to such cancellation or modification. Seller may suspend the contract if the Buyer is considered financially insecure.

6.Tolerances of the order: The seller reserves the right during the production of the order to supply up to $\pm 10\%$ of the confirmed quantities.

7>Returns: Seller must confirm the return of any product before its shipment by Buyer. If the buyer decides the ship without Seller's consent Buyer shall be responsible for all related costs and risks.

8.Payment: Buyer is liable to pay at agreed date and currency and if such payment is not materialized at agreed date, buyer shall be liable for interest charges of 2% above LIBOR on the unpaid balance. If buyer is considered financially insecure, seller reserves the right to request advance payment of unshipped material and all other claims.

9.Warranty: Seller warrants that its products shall be free from defects in material and workmanship under normal use and service for a period of 12 months from date of shipment.

On equipment and materials furnished by Seller but manufactured by others, Buyer shall accept in lieu of any liability or guarantees on the part of Seller, the benefits of guarantees as are obtained by Seller from such manufacturers or vendors. This warranty does not cover any defect arise from normal deterioration, inadequate maintenance, incorrect repair, storage conditions and failure to follow user and operator instructions. Failure by Buyer to object to or reject products or materials delivered hereunder, in writing 30 days from the date of shipment of the products and materials, shall constitute an acceptance and waiver by Buyer of all claims hereunder due to alleged errors, shortages, defective workmanship or material, breach of warranty or otherwise, discoverable upon inspection by Buyer. Seller shall in no event be liable for direct, indirect, incidental or consequential damages.

There are no other warranties either expressed or implied beyond those set forth herein.

Benutzung - Wartung - Sicherung - Transport und Lagerung

Die Schläuche haben eine bestimmte Lebensdauer. Die Benutzer müssen für ihre Arbeitstätigkeit unbedingt den entsprechenden Schlauch auswählen. Falls die Arbeitstätigkeit eventuelle Risiken beinhalten, müssen sie dafür den Schlauch auswählen der diese Risiken beseitigen wird.

Insbesondere bei Betrieben mit Hochdruck müssen die Benutzer bei der Auswahl der Schläuche sehr vorsichtig sein. Die Schläuche dürfen außer den Arbeiten die ihrer Eigenschaft entsprechen nicht anderweitig benutzt werden. Der Schlauch darf nicht in gefalteter Position benutzt werden.

Die Schläuche dürfen nicht bei höheren Druckwerten als die, die in der Konstruktion angegeben sind benutzt werden. Während der Anwendung der Schläuche darf der Druck nicht ruckartig sondern stufenweise erhöht werden. Die Schläuche dürfen während der Benutzung nicht gerissen und auch nicht durch das angebundene Gerät aufgesprengt werden. Die schweren und groß dimensionierten Schläuche sollten, falls die Möglichkeit besteht, mit Aufhänger haken oder einer entsprechenden Transportausrüstung befördert werden. Vor allem die schweren S/D Leistungsschläuche müssen mit den entsprechenden Unterstützungsapparaten transportiert werden.

Die Schläuche müssen während der Lagerung vor Ozon, direktem Sonnenstrahl, Fetten, Solventen, Dunst, korrosiven Flüssigkeiten, Insekten, Nagetieren und radioaktiven Materialien geschützt werden. Die entsprechende Lagerung hängt von dem Durchmesser, der Länge, der Menge und von der Verpackungsart der Schläuche ab. Bei einer Lagerung durch Anhäufung entstehen bei den unteren Abschnitten der Schläuche Fehlbildungen. Wenn die Schläuche im gerollten Zustand sind, sollten die Rollen nicht aufrecht sondern waagrecht gelagert werden. Im Allgemeinen sollten die schweren und mit Draht ausgestatteten Schläuche in den unteren und die leichten in den oberen Reihen gelagert werden.

Wenn es möglich ist sollten die Schläuche in ihren originalen Verpackungen gelagert werden. Wenn sie in Kisten gelagert werden, sollte man dafür sorgen dass die Kisten aus Holz oder aus Pappe sind. Die optimale Lagerungstemperatur ist 10-20 °C. Die Temperaturen, die sich bei über 38 °C befinden, sind für eine Lagerung ungeeignet.

Wenn bei der Konstruktion nicht anders aufgeführt ist, verhärten sich die Schläuche bei einer Temperatur von 0 °C. Aus diesem Grund sollten die kalt gelagerten Schläuche vor dem Betrieb so lange bereitgestellt werden bis sie die gleiche Raumtemperatur erreicht haben. Die Schläuche sollten von Heizkörpern (elektrische Heizgeräte, Ofen u. ä.) und heißen Flächen ferngehalten werden. Auch eine Umgebung mit zu niedriger oder zu hoher Feuchtigkeit ist für eine Lagerung ungeeignet. Bei hohen Ozonkonzentrationen werden die Schläuche negativ beeinflusst. Vor direktem oder gespiegeltem Sonnenstrahl sollten die Schläuche bewahrt werden. Bei unverpackten Schläuchen wirkt sich das Licht aus Leuchtstoffröhren oder Quecksilberampullen schädigend aus. Die Lagerhalle sollte kühl und dunkel sein, Schimmel und Feuchtigkeit sollten vorher beseitigt werden. Bei der Anwendung der Schläuche aus der Lagerhalle, sollten man sich die Fifo-Methode (die zuerst gelagerten sollten zuerst gebraucht werden) zum Prinzip machen.

Wenn man sich den oben aufgeführten Bestimmungen fügt, wird die Lebensdauer der Schläuche um so mehr verlängert.

Allgemeine Geschäftsbedingungen

1. Umfang: Diese Bestimmungen und Bedingungen werden durch die Fabrik Polimer Kauçuk (im Folgenden als Lieferant benannt) bei den Waren die Sie kaufen zugrunde gelegt. Sie (im Folgenden als Kunde benannt) bzw. der/die Kunde werden bestätigen, dass sie von dem Inhalt dieser Bestimmungen, Bedingungen und von ihrer Bestellung Kenntnis haben; Der/die Kunde wird bewilligen, sich diesen Bestimmungen und Bedingungen zu fügen. Der/die Kunde werden mit der Bestätigung des Empfanges und Kauf der Ware automatisch die unten aufgeführten Bestimmungen und Bedingungen angenommen haben.

2. Bestellungsfrist: Die durch den Lieferant angenommenen Bestellungen werden nur nach einer schriftlichen Bestätigung als gültig erklärt. Der Lieferant hat die alleinige Berechtigung die Bestellungen anzunehmen oder abzulehnen. Bis zur schriftlichen Bestätigung des Lieferanten sind jegliche Angebote oder Preise für den Lieferant unverbindlich.

3. Preise: Sämtliche Preise sind veränderungsfähig und werden durch den Lieferant vor der Lieferung an den Kunde mitgeteilt.

4. Lieferung: Der Lieferant hat die Berechtigung, die Lieferungsart und die Lieferungsfrist selbst zu bestimmen. So lange es im Vertrag nicht anders geregelt wird, werden alle Lieferungen ab Fabrik getätigt. Alle Behauptungen in Bezug auf Schäden und sonstige Verluste die beim Transport entstehen sollten, werden durch den Kunden gegen den Frachtführer dokumentiert.

Das Lieferungsdatum ist nur mutmaßlich und wird durch den Kunde nicht garantiert. Für jegliche Fehlleistungen oder Verspätungen die durch Naturkatastrophen, Feuer, Überflutungen, Krieg, Betriebsschwierigkeiten, Streiks, Aussperrungen, soziale Aufstände, Verwaltungsdringlichkeiten oder Liefersperrungen, Ausfälle der Rohstoffe und Materialien, die wegen Änderung der vorbestimmten Rohstoffpreise entstehen oder bei Situationen die nicht unter der Verantwortung des Lieferanten liegen, haftet der Lieferant nicht. Bei solchen Fällen hat der Lieferant die Begründung und den Stand der höheren Gewalt dem Kunden mitzuteilen. Der Kunde kann in solchen Fällen die Annahme der verspäteten Lieferung nicht verweigern. Der Kunde wird nach der Mitteilung der bereitgestellten Ware, diese innerhalb in fünf Werktagen abholen. Bei verspäteter Abholung wird der Kunde die dadurch entstandenen Aufbewahrungskosten und bezügliche Kosten selbst tragen.

5. Die Abänderung und die Kündigung des Vertrages: Der Kunde darf ohne die schriftliche Genehmigung des Lieferanten die Bestellungen nicht absagen oder ändern. Andernfalls ist er verpflichtet, alle Kosten die durch das Absagen oder Änderung beim Lieferant entstehen werden, zu ersetzen. Wenn der Kunde nicht zahlungsfähig erscheint, kann der Lieferant den Vertrag stornieren.

6. Toleranzen bei den Bestellungen: Der Lieferant hat das Recht bis zu $\pm 10\%$ vom genehmigten Betrag für die Dauer der Herstellung von der Bestellung vorzubehalten.

7. Rückerstattung: Vor der Lieferung der zu erstattenden Ware durch den Kunde, muss der Lieferant die Rückerstattung genehmigen. Falls der Kunde ohne die Genehmigung des Lieferanten die Ware zurückliefert, haftet er für alle Kosten und Risiken.

8. Zahlungsbedingung: Der Kunde ist verpflichtet die Bezahlung am festgelegten Datum und in der entsprechenden Währung durchzuführen. Falls die Bezahlung nicht am festgelegten Datum durchgeführt wird, ist der Kunde verpflichtet den nicht bezahlten Betrag, nach den LIBOR Zinsen in Höhe von 2% zu bezahlen. Wenn der Kunde nicht Zahlungsfähig erscheint, hat der Lieferant das Recht die Anzahlung der Materialien und alle weiteren Forderungen, der noch nicht gelieferten Ware vorzubehalten.

9. Garantie: Der Lieferant garantiert ab dem Lieferungsdatum der Ware für 12 Monate lang, dass bei ordnungsmäßiger Benutzung die Ware frei von Material- und Handwerksfehler sein wird.

In Bezug auf die Ausrüstung und Materialien die durch andere hergestellt und durch den Lieferant beschaffen werden, hat der Kunde anstatt die Pflichten und Garantien des Lieferanten, die Garantien und Nutzen von diesen Herstellern und Lieferanten anzunehmen. Diese Garantien beinhalten nicht die Schäden die bei normalen Störungen, ungenügender Wartung, fehlerhaften Reparaturen, Aufbewahrungsbedingungen, fehlerhafter Anwendung und bei Nichteinhaltung der Betriebsvorschriften entstehen. Wenn der Kunde ab dem Lieferdatum der Waren und Materialien, die mit diesem vorliegenden Beleg geliefert werden, nicht innerhalb von 30 Tagen schriftlich widersprechen sollte oder nicht zurückerstatten sollte, wird angenommen, dass er auf alle Forderungen bei Schäden, Defekten, fehlerhaftes Handwerk oder Materialien, Garantiefahrlässigkeit und auch von den Forderungen bei Fehlern, die durch den Kunde festgestellt werden, verzichtet. Gleichzeitig wird auch angenommen, dass der Kunde von allen Behauptungen, die durch diesen Beleg entstehen verzichtet wird und dass er die Waren oder die Materialien bewilligt hat. Der Lieferant ist auf keiner Weise direkt oder indirekt von den Schäden verantwortlich, die durch betriebsfremde Gründe oder durch Risiken entstehen.

Außer den Garantien, die auf diesem Beleg vorgesehen sind, befinden sich keine weiteren direkten noch indirekten Garantien.

Uso - Manutenzione - Protezione - Trasporto e Magazzinaggio

I tubi hanno una durata limitata. Gli utenti devono, assolutamente, scegliere il tubo con le caratteristiche adatte all'impiego. Nel caso di lavorazioni a rischio, è necessario optare per dei tubi che eliminino tali rischi.

Gli utenti devono prestare particolare attenzione alla scelta dei tubi da impiegare nelle lavorazioni ad elevate pressioni.

I tubi non devono essere impiegati per scopi diversi da quelli per cui sono stati progettati.

I tubi devono essere impiegati in modo da evitare che facciano delle pieghe acute.

I tubi non devono essere impiegati a pressioni superiori di quelle indicate. In fase di utilizzo, i tubi non devono subire aumenti di pressione improvvisi ma aumenti gradualmente. Durante la lavorazione i tubi non devono essere piegati e danneggiati dagli apparecchi od attrezzature alle quali sono collegati. I tubi di dimensioni grandi devono essere trasportati con attrezzature idonee. In particolar modo, per i tubi di aspirazione e mandata per impieghi gravosi, devono essere usati supporti speciali idonei.

I raggi di sole, ozono, solventi, fumi, liquidi corrosivi, insetti, roditori e materiali radioattivi potrebbero alterare le caratteristiche dei tubi immagazzinati. Il sistema ideale di stoccaggio dei tubi dipende dalla dimensione, dalla quantità e dall'imballo.

Nel caso di tubi sfusi, vanno posizionati orizzontalmente e non verticalmente. In linea di massima, i tubi contenenti fili metallici e quelli pesanti devono essere posti ai livelli inferiori ed i tubi leggeri ai livelli superiori, in quanto quelli dei livelli bassi potrebbero subire delle deformazioni geometriche.

Entro il limite del possibile, i tubi devono essere immagazzinati con le loro confezioni originali. Nel caso di stoccaggio in casse, sarebbero indicate le casse in legno o in cartone. La temperatura ideale di stoccaggio è 10-20 °C. Evitare di immagazzinare i tubi in ambienti con temperatura superiore ai 38 °C.

Se non indicato diversamente nella progettazione, i tubi s'irrigidiscono al di sotto di 0 °C. Pertanto possibilmente, devono essere riportati corretta temperatura prima dell'utilizzo. I tubi devono essere tenuti lontani dai fonti di calore e superfici calde (termosifoni, stufe, etc...). Non devono essere stoccati negli ambienti troppo secchi o troppo umidi. I tubi subiscono alterazioni negative negli ambienti ad alta concentrazione d'ozono. Devono essere protetti dalla luce diretta, dai raggi di sole e dai loro riflessi. Le luci delle lampade fluorescenti ed a mercurio sono dannose per i tubi privi di confezione. L'ambiente di stoccaggio deve essere sufficientemente fresco ed oscurato e deve essere privo di umidità. Nella movimentazione dei tubi occorre adottare il sistema FIFO (quelli arrivati prima vengono spediti prima). Rispettando quanto riportato sopra, la durata dei tubi sarebbe aumentata notevolmente.

Termini e Condizioni Di Vendita

1. Scopo : Queste regole e condizioni vengono applicate per i prodotti acquistati dalla Polimer Kauçuk (da ora in avanti "Venditore"). Voi (da ora in avanti "Acquirente/i) confermate che siete al corrente dei contenuti e che conoscete termini e condizioni di acquisto dei prodotti. L'Acquirente accetta tali termini e condizioni e s'impegna a rispettarle. La conferma di ricevimento e di accettazione da parte dell'Acquirente indica che le condizioni e le regole sotto descritte sono state accettate.

2. Processo dell'ordine : Gli ordini ricevuti da parte del Venditore sono accettati esclusivamente su conferma scritta. Il Venditore si riserva la facoltà di accettare o di rigettare parte o interamente un ordine. Senza la conferma scritta del Venditore, nessun ordine, offerta o proposta avranno valore d'impegno per il Venditore.

3. Prezzi : Tutti i prezzi sono soggetti a variazioni ed il Venditore deve comunicarle all'Acquirente prima della spedizione.

4. Consegne : Il venditore si riserva la facoltà di scegliere la modalità della spedizione ed i relativi termini. Se non concordato diversamente, tutte le spedizioni s'intendono franco fabbrica. Reclami per danni o perdite subite durante il trasporto vanno indirizzate direttamente al trasportatore.

I Termini di consegna sono approssimativi e non possono essere garantiti da parte del Venditore. Il Venditore non può essere ritenuto responsabile per dei ritardi o mancate spedizioni se le cause sono collegabili a dei fattori non dipendenti dal Venditore, come mancata fornitura di materia prima alle condizioni economiche pattuite, embarghi, priorità amministrative, calamità naturali, incendio, allagamenti, guerre, difficoltà statali, scioperi, serrate, disordini sociali. In questi casi, il Venditore deve dare avviso delle condizioni di forza Maggiore. L'Acquirente non può rifiutarsi di accettare le consegne ritardate per tali motivi.

L'Acquirente é tenuto a ritirare gli articoli entro cinque giorni lavorativi dalla data della comunicazione di merce pronta. Per i costi e le spese accessorie dovuti al ritardo di ritiro della merce la responsabilità cade sull'Acquirente.

5. Revoca e modifica del contratto : L'Acquirente non può annullare o modificare un ordine senza il consenso scritto del Venditore ed in caso di annullamento e modifica accetta di affrontare tutti i costi e le spese sostenute dal Venditore. Nel caso che il Venditore ritenga che l'Acquirente non sia un'azienda solida, può sospendere il contratto.

6. Tolleranze d'ordine : Durante la fase produttiva il Venditore si riserva la facoltà di effettuare la fornitura con una tolleranza del $\pm 10\%$ delle quantità confermate.

7. Merce resa : Il Venditore deve confermare la resa della merce da parte dell'Acquirente prima della spedizione di resa. Nel caso che l'Acquirente si decida di effettuare la spedizione di resa senza il consenso del Venditore, s'assume tutti i costi e tutte le responsabilità relativi.

8. Pagamenti : L'Acquirente é tenuto ad effettuare i pagamenti nella data stabilita ed al cambio stabilito ed in caso di mancato pagamento come pattuito sarà tenuto a pagare 2% oltre al LIBOR (quota d'interessi interbancaria a Londra) d'interessi. Nel caso in cui il Venditore ritenga l'Acquirente finanziariamente inaffidabile e rinuncia alla spedizione della merce, l'Acquirente ha il diritto di richiedere quanto anticipato per la merce non spedita e i relativi diritti.

9. Garanzia : Il Venditore garantisce i prodotti contro difetti di materiale e di lavorazione per la durata di 12 mesi nelle corrette condizioni di utilizzo.

Per i materiali ed attrezzature forniti da parte del Venditore ma prodotti da terzi, l'Acquirente non può richiedere garanzie dirette al Venditore ma accetta le garanzie fornite a favore del Venditore da parte dei produttori. La presente garanzia non copre danni dovuti all'usura ordinaria, agli interventi errati, alla mancata manutenzione ed al non rispetto delle regole di uso, di stoccaggio e di lavorazione. Inadempimento da parte dell'Acquirente di opporsi o rifiutare i prodotti o materiali forniti qui di seguito, per iscritto 30 giorni dalla data di spedizione dei prodotti e dei materiali, costituisce l'accettazione e la rinuncia da parte dell'Acquirente di tutte le richieste a causa di presunti errori, carenze, lavorazione difettosi o materiale, violazione della garanzia o altro, individuabile all'atto dell'ispezione da parte dell'Acquirente. Il venditore non può in alcun caso essere ritenuta responsabile per danni diretti, indiretti, incidentali o consequenziali.

Non sussistono altre garanzie dirette o indirette tranne quelle previste con il presente documento.

Utilisation - Entretien - Protection - Livraison et Stockage

Les tuyaux ont une certaine durée de vie. Les utilisateurs doivent obligatoirement choisir le tuyau le plus adapté à l'utilisation à laquelle ils le destinent. Si l'utilisation présente des risques, il est absolument nécessaire que l'utilisateur utilise le tuyau convenable pour éliminer tout risque.

Les utilisateurs doivent être particulièrement prudents pour des tuyaux destinés à une utilisation en haute pression qui ne doivent pas être utilisés au delà des spécifications techniques. En particulier, le tuyau ne doit pas être utilisé en dessous de son rayon minimum de courbure.

Les tuyaux ne doivent pas être soumis à des pressions plus hautes que celles indiquées dans les spécifications techniques. Lors de l'utilisation les coups de béliers doivent être évités, la pression doit augmenter progressivement. Lors de l'utilisation les tuyaux ne doivent pas être pliés et forcés par la machine sur laquelle ils sont montés. La manutention des tuyaux lourds de grand diamètre doit être effectuée avec précautions au moyen d'équipements de levage adaptés. Notamment il faut utiliser des supports convenables pour les tuyaux d'aspiration et de refoulement d'une masse linéaire importante.

Durant le stockage, l'exposition des tuyaux à l'ozone, aux rayons du soleil, aux graisses, aux solvants, à la fumée, aux liquides corrosifs, aux insectes et aux matériaux radioactifs diminuent la durée de vie des tuyaux. Le stockage adéquat des tuyaux dépend du diamètre et de la longueur de ceux-ci. Le stockage horizontal en vrac provoque une déformation au niveau des tuyaux placés en dessous, et donc les tuyaux lourds à renforcement acier doivent être rangés en dessous, et les tuyaux légers en dessus. Dans le cas des tuyaux en bobines, celles-ci doivent être stockées horizontalement et non verticalement.

Si possible il faut stocker les tuyaux dans leur emballage d'origine. S'ils sont conservés dans des caisses celles-ci doivent être en bois ou en carton. La température de stockage idéale est 10-20 °C et celle-ci ne doit pas dépasser 38 °C.

Les tuyaux durcissent à une température inférieure à 0 °C, sauf s'ils ont été prévus pour éviter cela. En conséquence il est préférable, avant utilisation, de les rétablir à leur température de service. Il faut les conserver à l'abri des sources de chaleur et des surfaces chaudes. Il ne faut pas les stocker dans des milieux dont l'humidité peut-être élevée ou basse. Le contact des tuyaux à l'ozone est défavorable à leur durée de vie. De la même manière ils doivent être protégés des sources d'ultra violet qu'elles soient directes ou indirectes. Il est préférable de les maintenir dans leur emballage original. La zone de stockage doit être sombre et dépourvue de l'humidité et de moisissures. La méthode FIFO (faire sortir les marchandises qui sont entrées en premier) doit être choisie en priorité pour la mise en service des tuyaux en provenance de la zone de stockage.

Respecter ces quelques recommandations prolongera la vie des tuyaux souples.

Termes et Conditions de Vente

1. Contenu : Ces conditions et clauses sont applicables aux produits vendus par Polimer Kauçuk (ci-dessous Dénommé Vendeur). Vous (ci-dessous dénommé Acheteur ou Acheteurs) confirmez que vous connaissez totalement le contenu de ces conditions et des clauses et termes de ces conditions générales de vente en délivrant la commande d'achat. L'Acheteur accepte ces conditions et ces clauses et accepte de les respecter. La confirmation d'achat et d'acceptation de ces produits par l'Acheteur signifie que ce dernier a accepté également des clauses et des conditions ci-dessous mentionnés.

2. Le délai de commande: Seul un accusé de réception de commande en provenance du vendeur peut faire foi. Le vendeur réserve le droit d'accepter ou de refuser la commande. Aucune offre, proposition ou offre de prix n'engage le vendeur jusqu'à la confirmation de commande écrite de ce dernier.

3. Prix: Tous les prix sont susceptibles d'être modifiés et le Vendeur communiquera cette modification au l'Acheteur avant d'expédition.

4. Livraison: Le Vendeur se réserve le droit de choisir le mode et le délai d'expédition. Toutes les expéditions sont considérées comme EXW sauf si une disposition contraire est indiquée dans le contrat. Les réserves émises pour dommage ou perte de marchandise doivent être adressées par l'Acheteur au transporteur par lettre recommandée avec accusé de réception.

Les dates du livraison sont estimatives et ne sont pas garanties par le Vendeur dans les cas suivants : embargos, mouvements sociaux, lock-out, gr d'obtenir des matières premières au prix d'achat contractuel. Dans ce cas le Vendeur doit informer l'Acheteur de ces cas de force majeurs. L'Acheteur ne pourra alors refuser les livraisons en retard.

L'Acheteur est tenu d'enlever les produits dans cinq jours à compter de la notification de mise à disposition du Vendeur. Les frais de stockage seront à la charge de l'Acheteur dans le cas où les marchandises ne sont pas enlevées dans le délai convenu.

5. La modification et la résiliation du contrat de vente: L'Acheteur n'a pas le droit d'annuler ou de modifier la commande sans l'autorisation écrite du vendeur et s'engage à indemniser le vendeur des frais découlant de cette modification ou cette résiliation. En cas de défaillance financière de l'Acheteur, le vendeur pourra suspendre le contrat.

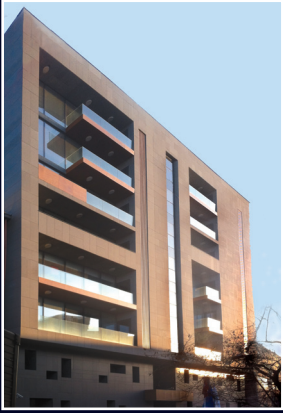
6. Tolérances relatives du Contrat : Le Vendeur réserve le droit de fournir le +10 % des quantités confirmées.

7. Retour des marchandises : Aucune marchandise ne peut être retournée au vendeur sans son acceptation expresse. Si l'Acheteur renvoie au vendeur la marchandise sans son autorisation, il sera reconnu responsable des risques et des charges découlant de son acte.

8. Paiement : L'Acheteur, s'engage à effectuer le paiement à la date et au taux de change prévu. Dans le cas où le paiement n'est pas effectué à la date convenue l'Acheteur versera des intérêts moratoires au taux LIBOR (taux d'intérêt entre des Banques Londoniennes) plus 2 % sur le solde non acquitté. Le vendeur se réserve le droit de demander à l'Acheteur le paiement à l'avance de la marchandise non expédiée.

9. Garantie : Les produits sont garantis contre les vices de fabrication dans les conditions normales d'utilisation et de service pour une durée de 12 mois à compter de la date d'expédition.

Pour les matériaux ou les équipements fournis par le Vendeur mais fabriqués par d'autres, le Vendeur ne fournira pas de garantie à l'Acheteur et ce dernier profitera de la garantie donnée au Vendeur par les fabricants ou par les fournisseurs. Cette garantie ne couvre pas les détériorations normales, l'entretien insuffisant, les réparations et conditions de conservation inadéquates et les défauts relevant du non respect des instructions d'utilisation et de fonctionnement. Dans le cas où aucune réclamation ou aucun refus est communiqué par écrit au Vendeur par l'Acheteur dans 30 jours à compter de l'expédition des matériaux et des produits, ceux-ci sont considérés comme acceptés par l'Acheteur qui renonce à toute prétention découlant des vices de fabrication, ou des matériaux. Le vendeur ne sera pas tenu responsable des dommages directs et indirects provenant du défaut de fabrication. Les matériaux et les produits ne comportent pas d'autres garanties directes ou indirectes que celles mentionnées dans ce document.



HEADQUARTERS



**POLİMER KAUÇUK
SANAYİ VE PAZ. AŞ.**

Huzur Mahallesi İmam Çeşme Yolu Caddesi Candan Sokak No:3
34396 Ayazağa/Şişli/İSTANBUL - TÜRKİYE
Tel: +90 212 331 45 00 Fax: +90 212 331 46 97
www.sel.com.tr



ÇERKEZKÖY FACTORY