

Technical Data

Base material (outside) : Polyolefin, cross-linked (POX)
 (inside) : Hot melt adhesive
 Colour : Black
 Continuous operating temperature : -55 °C to +125 °C
 Shrink temperature : +120 °C
 Shrink ratio : 3:1
 Longitudinal change : -10 % max.
 Isolation class : A (VDE 0530)
 Accreditation : SAE; UL224 125°C 600V-VW-1 (except clear)



| | Claimed values | Typical values | Test method |
|--|--|----------------|---------------|
| Dielectric strength | : 10 kV/mm min. | 15 kV/mm | IEC 684 P2 |
| Tensile strength | : 10 MPa min. | 18 MPa | ASTM D 638 |
| Elongation at break | : 200% min. | 400% | ASTM D 638 |
| Heat aging 168 h/150 °C - Ultimate elongation | : 100% | 220% | MIL-DTL-23053 |
| Heat shock 4 h/225 °C | : no cracking, flowing or dripping | | IEC 684 P2 |
| Low temperature flexibility 4 h/-55 °C | : no cracking, breaking | | MIL-DTL-23053 |
| Flammability | : Self extinguishing (only outer sheath) | | ASTM D 2671 |
| Water absorption | : 1,0% max. | 0,3% | ASTM D 570 |

Type designation and technical data

| Order no. | Type | As supplied | Fully recovered | | Packing content m |
|-------------|------------|---------------------------|---------------------------|---------------------------|----------------------|
| | | Inner diameter mm min. | Inner diameter mm max. | Wall thickness mm nom. | |
| 308-1030_)* | HIS-A 3/1 | 3,00 | 1,00 | 1,00 | 10 |
| 308-1060_)* | HIS-A 6/2 | 6,00 | 2,00 | 1,20 | 5 |
| 308-1090_)* | HIS-A 9/3 | 9,00 | 3,00 | 1,30 | 5 |
| 302-1120_)* | HIS-A 12/4 | 12,00 | 4,00 | 1,40 | 5 |
| 308-1180_)* | HIS-A 18/6 | 18,00 | 6,00 | 2,20 | 4 |
| 308-1240_)* | HIS-A 24/8 | 24,00 | 8,00 | 2,50 | 3 |

*) Kennzeichnung der Farbe in der Bestellnummer

Colour : Black (BK) Clear (CL)
 Order no. : 0 3