

Technical Data

Base material : Polyolefin, cross-linked (POX)
 Colour : see below
 Continuous operating temperature : -55 °C to +135 °C
 Shrink temperature : +100 °C
 Longitudinal change : +/- 5% max.
 Shrink ratio : 3 : 1
 Isolation class : B (VDE 0530)
 Accreditation : SAE-AMS-DTL-23053/5
 : UL224 125°C 600V VW-1 (except clear)



	Claimed values	Typical values	Test method
Dielectric strength	: 19,7 kV/mm min.	20 kV/mm	ASTM D 150
Tensile strength	: 10,3 MPa min.	14 MPa	ASTM D 2671
Elongation at break	: 200% min.	800%	ASTM D 2671
Heat aging 168 h/175 °C - Ultimate elongation	: 50 %	≥ 200%	ASTM D 2671
Heat shock 4 h/250 °C	: no cracking, flowing or dripping		ASTM D 2671
Low temperature flexibility 4 h/-55 °C	: no cracking		MIL-DTL-23053
Flammability	: VW-1		UL224
Water absorption	: 0,5% max	0,15%	ASTM D 570

Type designation and technical data

Order no.	Type	As supplied	Fully recovered		Packing content
		Inner diameter mm min.	Inner diameter mm max.	Wall thickness mm nom.	
308-3015_*)	HIS-3-1,5/0,5	1,50	0,50	0,45	10
308-3030_*)	HIS-3-3/1	3,00	1,00	0,55	10
308-3060_*)	HIS-3-6/2	6,00	2,00	0,65	5
308-3090_*)	HIS-3-9/3	9,00	3,00	0,75	5
308-3120_*)	HIS-3-12/4	12,00	4,00	0,80	5
308-3180_*)	HIS-3-18/6	18,00	6,00	0,90	4
308-3240_*)	HIS-3-24/8	24,00	8,00	1,20	3

*) Kennzeichnung der Farbe in der Bestellnummer

Colour	: Black (BK)	Red (RD)	Blue (BU)	Clear (CL)	Green/Yellow (GNYE)*
Order-No.	: 0	2	6	3	7

*Lieferbar ab 3/1