

Technical data

Base material	: Polyolefin, cross linked (POX)
Colour	: Black
Continuous operating temperature	: -55 °C bis +135 °C
Shrink temperature	: +100 °C
Longitudinal change	: +/- 5%
Shrink ratio	: 3:1
Specification	: SAE-AMS-DTL-23053/5 : UL224 125°C 600V VW-1 (except clear)



	Claimed	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	: 100 %	350%	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, no ruptures		MIL-DTL-23053
Flammability	: VW-1		UL 224
Water absorbtion	: 0,5% max	0,15%	ASTM D 570

Type designation and Technical data

Article-No	Type	As supplied	Fully recovered		Package content
		Inner Ø mm min.	Inner Ø mm max.	Wall thickness mm nom.	
308-30151	HIS-3-1,5/0,5	1,50	0,50	0,45	10 x 200 mm
308-30310	HIS-3-3/1	3,00	1,00	0,55	10 x 200 mm
308-30610	HIS-3-6/2	6,00	2,00	0,65	10 x 200 mm
308-31210	HIS-3-12/4	12,00	4,00	0,80	10 x 200 mm

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This information is based on our experience and does not imply suitability without prior testing. Due to the variables of manufacture and enviromantel conditions it i strongly recommended that samples are tested in-situ

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