

Technical Data

Base material	: Polyolefin, cross-linked (POX)
Colour	: see below
Continuous operating temperature	: -55 °C to +135 °C
Shrink temperature	: +120 °C
Longitudinal change	: ± 5% max.
Shrink ratio	: 2 : 1
Isolation class	: B (VDE 0530)
Accreditation	: UL224 125°C 600V VW-1 (except clear)



	Claimed values	Typical values	Test method
Dielectric strength	: 10 kV/mm min.	25 kV/mm	IEC 684 P2
Tensile strength	: 10 MPa min.	17 MPa	IEC 684 P2
Elongation at break	: 250% min.	800%	IEC 684 P2
Heat aging 168 h/175 °C			
Tensile strength	: 10 MPa min.	12 MPa	IEC 684 P2
- Ultimate elongation	: 150 %	350%	IEC 684 P2
Heat shock 4 h/250 °C	: no cracking, flowing or dripping		IEC 684 P2
Low temperature flexibility 4 h/-55 °C	: no cracking		IEC 684 P2
Flammability	: self extinguishing		ASTM D 2671
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.	
300-3012_*)	HIS-3/64	1,20	0,60	0,40	10
300-3016_*)	HIS-1/16	1,60	0,80	0,40	10
300-3024_*)	HIS-3/32	2,40	1,20	0,50	10
300-3032_*)	HIS-1/8	3,20	1,60	0,50	10
300-3048_*)	HIS-3/16	4,80	2,40	0,50	10
300-3064_*)	HIS-1/4	6,40	3,20	0,60	5
300-3095_*)	HIS-3/8	9,50	4,70	0,60	5
300-3127_*)	HIS-1/2	12,70	6,40	0,60	5
300-3190_*)	HIS-3/4	19,10	9,50	0,80	5
300-3254_*)	HIS-1	25,40	12,70	0,90	5

*) 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

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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 environmental conditions it is strongly recommended that samples are tested in-situ