ESP

Shrinktubing // Very Thin Wall

Flexible, cross-linked polyolefin shrink-tubing, with high shrink ratio.
Extra thin wall. Low shrink temperature.
Shrink ratio 2:1

Contact

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Technical Reference

Material	Crosslinked Polyolefin		
Shrink. temp.	80°C min.		
Colors	black, clear		
Packaging	on reels, cut to custom specification		
Specifications	Operating temperature:	-55°C to +125°C	
	Dielectricv strength:	15 kV/mm min.	(IEC 243-1)
	Flammability:	selbstverlöschend (ohne transparent)	(MVSS 302)
	Tensile strength:	10 MPa min	(ISO 37)
	Ultimate elongation:	200% min.	(ISO 37)
	Elongation after aging:	168h bei 150°C	(ISO 188)
		150% min.	(ISO 37)
	Heat shock:	no dripping, flowing cracking	(ASTM D 2671, 4h 200°C)
	Low temp. flexibility:	no cracking	(ASTM D 2671, 4h, -45°C)
	Resistance against agressive fluids: gasoline, hydraulics, lubricants		(ISO 1817)
	Tensile strength:	7 MPa min	(ISO 37)
	Ultimate elongation:	175% min.	(ISO 37)
	Copper corrosion:	keine	(ASTMD D 2671)

Sizes and Ordering Codes

Ordering-Code	Inner-Ø espanded mm	Inner-ø recovered mm	Wall recovered. mm	Reel length m
ESP-1,2-x	1.2	0,6	0,33	150
ESP-1,6-x	1.6	0,8	0,36	150
ESP-2,4-x	2.4	1,2	0,44	150
ESP-3,2-x	3.2	1,6	0,44	150
ESP-4,8-x	4.8	2,4	0,44	150
ESP-6,4-x	6.4	3,2	0,56	75
ESP-9,5-x	9.5	4,8	0,56	75
ESP-12,7-x	12.7	6,4	0,56	75
ESP-19-x	19	9,5	0,69	60
ESP-25,4-x	25.4	12,7	0,77	60
ESP-38,1-x	38.1	19,1	1	30
ESP-50,8-x	50.8	25,4	1,15	30

Standards and Approvals

RoHS 2002/95/EG, RoHS 2011/65/EU, 2015/863/EU

Diameter expanded are min.-values, diameters recovered are max.-values.
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