

Polyolefin - Heat-Shrink Tubing

FITCOTUBE® FT330

Flexible, flame retardant, universally applicable tube with high shrinkage capacity. Use for protection, isolation, mechanical relief of cables and components with large diameter differences. Ideal multi-purpose shrink tubing, as a wide range of diameters can be covered with just a few sizes.

Operating Temperature: - 55° C to + 125° C, short time + 200° C

Shrink temperature: + 90° C

Shrink ratio: 3: 1

Standard color: black (other colors on request)



Description	Inner diameter (mm)		Wall thickness (mm)
	Ass supplied (min.)	After full recovery (max.)	After full recovery (nom.)
FT330-3/1	3,00	1,00	0,60
FT330-6/2	6,00	2,00	0,70
FT330-9/3	9,00	3,00	0,80
FT330-12/4	12,00	4,00	0,85
FT330-18/6	18,00	6,00	1,00
FT330-24/8	24,00	8,00	1,20

Packaging: On Spools.
Cut and printed lengths on request.

Processing note: Care for clean and accurate cutting edge.
Start shrinkage on the end.
Pre-heat metal body.

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Attributes	Testing	Requirements	Value
Mechanical			
Tensile strength	ASTM D 638	Min. 10,4 MPa	13 MPa
Ultimate Elongation	ASTM D 638	Min. 200%	≥ 350 %
Longitudinal Change	SAE-AMS-DTL-23053	-5% ± 10%	- 7 %
Special density	ASTM D 792	Max. 1,35	1,33
Elastic modulus	ASTM D 882	Max. 173 MPa	< 150 MPa
Thermal			
Low temperature flexibility (4 Std. at - 55° C)	MIL-DTL-23053	No cracking	pass
Elongation after long-term ageing (168 Std. at 150° C)	SAE-AMS-DTL-23053	Min. 100% Dehnung	>200 %
Short-term ageing (225°C x 4 h)	SAE-AMS-DTL-23053	no crack, flowing or dripping	pass
Fire behavior	ASTM D 2671	Procedure B	pass
Electrical			
Copper Corrosion (175° C x 16 h)	SAE-AMS-DTL-23053	No corrosion	pass
Volume resistivity	ASTM D 876	Min. 10 ¹⁴ Ω*cm	4,7 x 10 ¹⁴ Ω*cm
Dielectric strength (2,5 kV x 60 s)	SAE-AMS-DTL-23053	No disruptive discharge	pass
Chemical			
Water absorption	ASTM D 570	Max. 0,5%	pass