

Polyolefin heat-shrink tubing

FITCOTUBE[®] FT888 tr 4:1

Dual-wall polyolefin heat shrink tubing with high shrink ratio and hot melt polyamid adhesive coating. Insulation, protection and sealing of connectors, solder and crimp splices and electrical components in areas where liquids are present. Corrosion protection of metal components (tubing, pipes etc.).

Operating temperature: - 55°C to +105°C

Shrink temperature: + 120° C

Shrink ratio: 4:1

Standard colors: clear



Description	Inner diameter (mm)		Wall thickness (mm)
	as supplied (min.)	after shrinkage (max.)	after shrinkage (nom.)
4:1			
FT888-4/1	4,0	1,0	1,00
FT888-8/2	8,0	2,0	1,20
FT888-12/3	12,0	3,0	1,40
FT888-16/4	16,0	4,0	1,80
FT888-24/6	24,0	6,0	2,25
FT888-32/8	32,0	8,0	2,50

Packaging: Cut-Lengths of 1200 mm in bags/boxes
Spools and non standard sizes: On request

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Attributes	Testing	Value
Mechanical		
Tensile Strength	ASTM D 638	≥ 15 MPa
Ultimate Elongation	ASTM D 638 / SFP-Standard	≥ 400 %
Longitudinal Change	SAE-AMS-DTL-23053	-7 %
Secant Modulus	ASTM D 882	≤ 140 MPa
Thermal		
Operating Temperature	Life-Curve	-55 up to 105°C
Elongation after heat ageing (136°C x 168h)	UL 224	≥ 300%
Shrink Temperature		≥ 110°C
Low temp. flexibility (-55°C x 4h)	SAE-AMS-DTL-23053	No cracking
Electrical		
Voltage Rating		600V
Dielectric Voltage Withstand (2,5kV x 60s)	UL 224	No breakdown
Volume Resistivity	ASTM D 876	≥ 10 ¹⁴ Ω/cm (pass)
Dielectric Strength	ASTM D 876	≥ 20 kV/mm (pass)
Chemical		
Water Absorption	ASTM D 570	≤ 0,4 %