

Polyolefin Heat-Shrink Tubing

FITCOTUBE® FT888 clear

Dual-wall polyolefin heat shrink tubing with high shrink ratio and hot melt 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 bis + 105° C

Shrink temperature: + 110° C

Shrink ratio: 3: 1 / 4: 1

Standard colors: clear



Description	Inner diameter (mm)		Wall thickness (mm)
	ass supplied (min.)	after shrinkage (max.)	after shrinkage (nom.)
3:1			
FT888- transparent-3/1	3,1	1,0	0,95
FT888- transparent-4,5/1,5	4,5	1,5	1,10
FT888- transparent-6/2	6,2	2,0	1,20
FT888- transparent-9/3	9,3	3,0	1,30
FT888- transparent-12/4	12,4	4,0	1,40
FT888- transparent-19/6	19,6	6,0	1,80
FT888- transparent-24/8	24,8	8,0	2,50
FT888- transparent-40/13	40,0	13,0	2,50
4:1			
FT888- transparent-4/1	4,0	1,0	1,00
FT888- transparent-8/2	8,0	2,0	1,20
FT888- transparent-12/3	12,0	3,0	1,40
FT888- transparent-16/4	16,0	4,0	1,80
FT888- transparent-24/6	24,0	6,0	2,25
FT888- transparent-32/8	32,0	8,0	2,50

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

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

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Attributes	Testing	Requirements	Typical Value
Mechanical			
Tensile Strength	ASTM D 638	Min. 10,4 MPa	19 MPa
Ultimate elongation	ASTM D 638	Min. 200 %	420 %
Longitudinal change	SAE-AS23053	+1 % to -15%	-7 %
Secant Modul	ASTM D 882	Max. 173 MPa	125 MPa
Thermal			
Heat shock (4 h x 200° C)	SAE-AS23053	No cracking, flowing or dripping	passed
Elongation after heat aging (136°C x 168h)	SAE-AS23053	Min. 100%	400%
Cold impact (4 h x -55° C)	SAE-AS23053	No cracking	passed
Electrical			
Voltage Rating	-	-	600V
Dielectric Voltage Withstand (2,5 kV x 60 s)	SAE-AS23053	No breakdown	passed
Volume Resistivity	ASTM D 876	Min. $10^{12} \Omega / \text{cm}$	$\geq 3,0 \times 10^{14} \Omega / \text{cm}$
Dielectric Strength	ASTM D 876	Min. 11,8 kV/mm	$\geq 20 \text{ kV/mm}$
Chemical			
Water Absorption	ASTM D 570	Max. 1 %	$\geq 0,20 \%$