

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.)
<b>3:1</b>			
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
<b>4:1</b>			
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

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Attributes	Testing	Requirements	Typical Value
<b>Mechanical</b>			
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
<b>Thermal</b>			
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
<b>Electrical</b>			
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	$\geq 20 \text{ kV/mm}$
<b>Chemical</b>			
Water Absorption	ASTM D 570	Max. 1 %	$\geq 0,20 \%$