

Polyolefin Heat-Shrink Tubing

FITCOTUBE[®] FT-WB-CP

Flame retardant, clear polyolefin tubing with a high shrink ratio and a thick, black inner liner of hot melt adhesive. Thick adhesive inner liner provides excellent moisture protection and insulating. Ideal for controllable sealing of electrical connections and components in the automotive industry.

Operating temperature:	- 40°C to + 125°C, short time + 225°C
Shrink temperature:	+ 150°C
Shrink ratio:	4,5 : 1
Standard colors:	Outer jacket: Clear Inner liner: Black



Description	Inner diameter (mm)		Wall thickness (mm)	Standard length (mm)
	as supplied (min.)	after shrinkage (max.)	after shrinkage (nom.)	
FT-WB-CP-570 5.75/1.25 sw	5.75	1.25	1.15	50.0 ± 2.0
FT-WB-CP-750 7.50/1.65 sw	7.50	1.65	1.40	50.0 ± 2.0
FT-WB-CP-1100 11.0/2.4 sw	11.00	2.40	1.80	65.0 ± 2.0
FT-WB-CP-1830 18.3/4.35 sw	18.30	4.35	2.20	75.0 ± 2.0

Processing note:

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

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Packaging:	1.2-meter-lengths. Special Sizes cut lengths or preshrunk endcaps on request.		
Attributes	Testing	Value	
Mechanical			
Tensile Strength*	ASTM D 2671	≥ 10.4 MPa	
Longitudinal change	-	Min10 %	
Secant Modulus at 2%*	ASTM D 2671	≥ 150 MPa	
Dynamic Cut-Through	ASTM D 3032	≥ 134 N	
Thermal			
Heat Shock (4h x 225°C)	ASTM D 2671	No dripping, flowing or cracking of outer jacket	
Ultimate Elongation	ASTM D 2671	≥ 300 %	
Electrical			
Dielectric Strength	ASTM D 149	≥ 15.000 V/mm	
Volume Resistivity	ASTM D 2671	≥ 1.0x10 ¹² Ωxcm	
Chemical			
Water Absorption			

Water Absorption (24h x 23°C)	ASTM D 570	≤ 1.0 %			
*Calculate based on wall thickness of jacket only					

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