

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	-	Min. -10 %
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 (24h x 23°C)	ASTM D 570	≤ 1.0 %

*Calculate based on wall thickness of jacket only