

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: approx. 4,5 : 1

Standard colors: Black



Description	Inner diameter (mm)		Wall thickness (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
FT-WB-CP-750 7.50/1.65 sw	7.50	1.65	1.40
FT-WB-CP-1100 11.0/2.4 sw	11.00	2.40	1.80
FT-WB-CP-1830 18.3/4.35 sw	18.30	4.35	2.20

Packaging: 1.2-meter-lengths. Special Sizes, cut lengths or preshrunk endcaps on request.

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

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Attributes	Testing	Value
Mechanical		
Tensile Strength*	ASTM D 2671	≥ 10.4 MPa
Longitudinal change		-10% min.
Secant Modulus at 2%*	ASTM D 2671	≥ 150 MPa
Dynamic Cut-Through	ASTM D 3032	≥ 134 N
Thermal		
Operating Temperature		-40 to 125°C
Heat Shock (4 hrs at 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 Volt/mm
Volume Resistivity	ASTM D 2671	≥ 1.0x10 ¹² Ω*cm
Chemical		
Water Absorption	ASTM D 570 (immersing in water for 24 h at 23°C)	< 1.0%

*Calculate based on wall thickness of jacket only