

Polyolefin heat-shrink tubing

FITCOTUBE[®] FT-WB-HT

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

Operating temperature: - 40°C to + 150°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-HT-760 7.6/1.7 sw	7.60	1.70	1.52
FT-WB-HT-900 9.0/2.3 sw	9.00	2.30	1.52
FT-WB-HT-1100 11.6/2.5 sw	11.60	2.50	2.29
FT-WB-HT-1780 17.8/4.4 sw	17.80	4.40	2.54

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	≥ 225 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%
Flammability	SAE J 1128	Pass

*Calculate based on wall thickness of jacket only