

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: 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	7.60	1.70	1.52
FT-WB-HT-900 9.0/2.3	9.00	2.30	1.52
FT-WB-HT-1100 11.6/2.5	11.60	2.50	2.29
FT-WB-HT-1780 17.8/4.4	17.80	4.40	2.54

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

Polyolefin Heat-Shrink Tubing

FITCOTUBE[®] FT-WB-HT

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	≥ 225 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%
Flammability	SAE J 1128	Pass

*Calculate based on wall thickness of jacket only