

Polyolefin heat-shrink tubing

## FITCOTUBE® FT-WB

Flame retardant, 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.

**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-570 5.75/1.25 sw	5.75	1.25	1.15
FT-WB-750 7.5/1.65 sw	7.50	1.65	1.40
FT-WB-1100 11.0/2.4 sw	11.00	2.40	1.80
FT-WB-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.

Polyolefin heat-shrink tubing

## FITCOTUBE<sup>®</sup> FT-WB

Attributes	Testing	Value
<b>Mechanical</b>		
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
<b>Thermal</b>		
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 %
<b>Electrical</b>		
Dielectric Strength	ASTM D 149	≥ 15,000 Volt/mm
Volume Resistivity	ASTM D 2671	≥ 1.0x10 <sup>12</sup> Ω*cm
<b>Chemical</b>		
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