

Polyolefin Heat-Shrink Tubing

FITCOTUBE[®] FT-SNHE(6)-U

Thick-walled, semi-rigid, adhesive-coated and halogen-free heat shrinkable tubing made of crosslinked polyolefin. Due to the very high shrinking rate it is suitable for protection, insulation and mechanical relief of wires, cables and components with large diameter differences.

Operating temperature: - 55°C to + 135°C, short time up to + 200°C

Shrink temperature: + 135°C

Shrink ratio: 6 : 1

Standard color: Black



Description	Inner diameter (mm)		Wall thickness (mm)
	as supplied (min.)	after shrinkage (max.)	after shrinkage (nom.)
FT-SNHE(6)-U-19/3,2	19	3.2	3.8
FT-SNHE(6)-U-33/5,5	33	5.5	4.5
FT-SNHE(6)-U-45/7,5	45	7.5	5.0
FT-SNHE(6)-U-55/9,2	55	9.2	5.0
FT-SNHE(6)-U-66/11	66	11.0	5.5
FT-SNHE(6)-U-76/12,7	76	12.7	5.5
FT-SNHE(6)-U-87/14,5	87	14.5	5.5
FT-SNHE(6)-U-115/19,2	115	19.2	5.5
FT-SNHE(6)-U-160/26,6	160	26.6	5.5
FT-SNHE(6)-U-178/29,6	178	29.6	6.0
FT-SNHE(6)-U-235/40	235	40.0	6.0

* Without adhesive coating: Please order FT-SNH(6)

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Packaging: 1.22m/pc or 1m/pc.
Cut lengths or printed tubing on request.

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

Properties	Test Method	Typical Value
Mechanical		
Tensile strength (168h x 158°C)	ASTM D2671	≥ 14 MPa
Breakdown elongation (168h x 158°C)	ASTM D2671	≥ 600%
Breakdown elongation	ASTM D2671	≥ 400%
Hardness (Shore D)	ASTM D2671	≥ 42 HD
Specific density	ASTM D2671	0.95 to 1.05
Thermal		
Low temperature flexibility (4h x -55°C)	ASTM D2671	No cracking
Heat shock (4h x 200°C)	ASTM D2671	No cracking, flowing or dripping
Adhesive softening point	ASTM E28	≥ 85°C
Electrical		
Dielectric strength	ASTM D2671	≥ 15 kV/mm
Volume resistance	ASTM D2671	≥ 1.0x10 ¹⁴ Ω*cm
Adhesive peel strength to XLPE	ASTM D2671	≥ 110 N/25cm
Adhesive peel strength to steel	ASTM D2671	≥ 80 N/25cm
Chemical		
Water absorption	ASTM D 570	≤ 0.3%