

Polyolefin Heat-Shrink Tubing

FITCOTUBE® FT-SNHE-U

Heavy wall, cross-linked polyolefin tube with thermal melt adhesive liner. Ideal for insulation, sealing and protection of cable joints and wire harnesses (according to UL 486D). Halogen free with high resistance to abrasion and impact.

Operating temperature:	- 55°C to +105°C
Shrink temperature:	+ 135° C (minimum shrinkage temperature: + 125°C)
Shrink ratio:	3 : 1
Standard colors:	Black, other colors on request



Description	Dimensions (mm)		Wall Thickness (mm)
	As supplied (min.)	After recovery (max.)	After full recovery (nom.)
FT-SNHE-U-9/3	9.0	3.0	2.6
FT-SNHE-U-12/4	12.0	4.0	2.8
FT-SNHE-U-16/5	16.0	5.0	3.0
FT-SNHE-U-19/6	19.0	6.0	3.0
FT-SNHE-U-22/6	22.0	6.0	3.25
FT-SNHE-U-25/8	25.0	8.0	3.25
FT-SNHE-U-28/6	28.0	6.0	3.25
FT-SNHE-U-33/8	33.0	8.0	3.25
FT-SNHE-U-35/12	35.0	12.0	3.95
FT-SNHE-U-40/12	40.0	12.0	3.95
FT-SNHE-U-45/13	45.0	13.0	3.95
FT-SNHE-U-54/16	55.0	16.0	4.05
FT-SNHE-U-65/19	65.0	19.0	4.05
FT-SNHE-U-75/22	75.0	22.0	4.05
FT-SNHE-U-85/25	85.0	25.0	4.05
FT-SNHE-U-95/25	95.0	25.0	4.05
FT-SNHE-U-105/30	105.0	30.0	4.05
FT-SNHE-U-115/34	115.0	34.0	4.05
FT-SNHE-U-130/36	130.0	36.0	4.05
FT-SNHE-U-140/42	140.0	42.0	4.05
FT-SNHE-U-160/50	160.0	50.0	4.05
FT-SNHE-U-175/58	175.0	58.0	4.05
FT-SNHE-U-200/65	200.0	65.0	4.05
FT-SNHE-U-230/75	230.0	75.0	4.05
FT-SNHE-U-260/85	260.0	85.0	4.05

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Packaging: 1.22 mtr-lengths as standard, cut lengths on request.

Standard product is adhesive lined, tubes without adhesive are available on request.

Properties	Test Method	Value
Mechanical		
Tensile Strength	ASTM D2671	≥ 12 MPa
Breakdown Elongation	ASTM D2671	≥ 400%
After Ageing (136°C/168 hours): Tensile Strength Breakdown Elongation	ASTM D2671	≥ 12 MPa ≥ 350%
Density	ASTM D792	1.05-1.10
Water Absorption	ASTM D570	≤ 0.5%
Low Temperature Flexibility (-55°C / 4hrs)	ASTM D2671	No Cracking
Heat Shock (200°C / 4 hours)	ASTM D2671	No drip, no flow, no cracking (outer layer only)
Hardness (shore D)	ASTM D2671	≥48HD
Adhesive softening point	ASTM E28	≥85°C
Adhesive peel strength to XLPE	ASTM D2671	110N/25mm
Adhesive peel strength to steel	ASTM D2671	80N/25mm
Electrical		
Volume Resistivity	ASTM D2671	≥1.0x10 ¹⁴ Ωcm
Dielectric strength	ASTM D2671	≥15KV/mm
Chemical		
Copper Corrosion	ASTM D2671	No Corrosion
Fungus Resistance	ASTM G21	No growth