

Medium-walled Polyolefin Heat-Shrink Tubing

## FITCOTUBE® FT-SNME-U

Medium wall, flexible and halogen free tube with thermal melt adhesive coating. Electrical insulation, pressure-proof sheathing, anti-corrosion and moisture protection in all areas of energy supply, telecommunication technology as well as piping construction.

**Operating temperature:** -55°C to +105°C

**Shrink temperature:**

+125°C

**Shrink ratio:**

3: 1

**Standard colors:**

Black



Description	Inner Diameter (mm)		Wall Thickness (mm)
	as supplied (min.)	after full recovery (max.)	after full recovery (nom.)
FT-SNME-U-8/2	8,0	2,0	2,0
FT-SNME-U-9/3	9,0	3,0	2,0
FT-SNME-U-12/4	12,0	4,0	2,0
FT-SNME-U-16/5	16,5	5,0	2,2
FT-SNME-U-19/6	19,0	6,0	2,5
FT-SNME-U-22/6	22,0	6,0	2,5
FT-SNME-U-25/8	25,0	8,0	2,5
FT-SNME-U-28/6	28,0	6,0	2,5
FT-SNME-U-33/8	33,0	8,0	2,5
FT-SNME-U-35/12	35,0	12,0	2,5
FT-SNME-U-40/12	40,0	12,0	2,5
FT-SNME-U-45/13	45,0	13,0	2,5
FT-SNME-U-55/16	55,0	16,0	2,7
FT-SNME-U-65/19	65,0	19,0	2,8
FT-SNME-U-75/22	75,0	22,0	3,0
FT-SNME-U-85/25	85,0	25,0	3,0
FT-SNME-U-95/25	95,0	25,0	3,0
FT-SNME-U-105/30	105,0	30,0	3,0
FT-SNME-U-115/34	115,0	34,0	3,0
FT-SNME-U-130/36	130,0	36,0	3,0
FT-SNME-U-140/42	140,0	42,0	3,0
FT-SNME-U-160/50	160,0	50,0	3,0
FT-SNME-U-175/58	175,0	58,0	3,0
FT-SNME-U-200/65	200,0	65,0	3,0
FT-SNME-U-230/75	230,0	75,0	3,0
FT-SNME-U-260/85	260,0	85,0	3,0

**Packaging:** 1,22-meter-lengths. Cut or printed lengths on request.

**Processing note:** Care for clean and accurate cutting edge. Start shrinkage on the end.  
Pre-heat metal body. For a shrinking size of  $\geq 28/6$  we recommend using a propane burner (approx. 30-50 mm diameter and soft flame).

Attributes	Testing	Value
<b>Mechanical</b>		
Breakdown elongation	ASTM D2671	$\geq 400\%$
Breakdown elongation	ASTM D2671 (150°C for 168 hrs)	$\geq 350\%$
Tensile strength	ASTM D2671	$\geq 12\text{ MPa}$
Tensile strength	ASTM D2671 (150°C for 168 hrs)	$\geq 12\text{ MPa}$
Water absorption	ASTM D570	$\leq 0,5\%$
Density	ASTM D792	1,05 – 1,10
Low temperature flexibility	ASTM D2671 (-55 °C/4 hrs)	No cracking
Heat shock	ASTM D2671 (200 °C/4 hrs)	No drop, no flow (outer layer only)
Hardness	ASTM D2671 (Shore D)	$\geq 45\text{ HD}$
Adhesive softening point	ASTM E2	$\geq 85\text{ °C}$
Adhesive peel strength to XLPE	ASTM D2671	110N/25mm
Adhesive peel strength to steel	ASTM D2671	80N/25mm
<b>Electrical</b>		
Dielectric Strength	ASTM D2671	$\geq 15\text{ kV/mm}$
Volume Resistivity	ASTM D2671	$\geq 1,0 \times 10^{14}\text{ }\Omega/\text{cm}$
<b>Chemical</b>		
Copper corrosion	ASTM D2671	No corrosion
Fungus-resistance	ASTM G21	No growth