

Polyolefin Heat-Shrink Tubing

FITCOTUBE® FT800E-HT

Flexible, high-temperature resistance heat-shrink tubing coated with adhesives. Suitable for moisture- and waterproof encapsulation of wires, cables, pinching- and plug connections as well as other electrical and mechanical components.

Operating temperature: - 55°C to + 125°C, short term up to + 250°C

Shrink temperature: > 100° C

Shrink ratio: 3: 1 and 4: 1

Standard colors: Black



Description	Inner diameter (mm)		Wall thickness (mm)
	as supplied (min.)	after shrinkage (max.)	after shrinkage (nom.)
3: 1			
FT800E-HT-3/1	3.00	1.00	1.00
FT800E-HT-4.8/1.5	4.80	1.50	1.00
FT800E-HT-6/2	6.00	2.00	1.10
FT800E-HT-9/3	9.00	3.00	1.30
FT800E-HT-12/4	12.00	4.00	1.70
FT800E-HT-18/6	18.00	6.00	2.00
FT800E-HT-24/8	24.00	8.00	2.50
FT800E-HT-39/13	39.00	13.00	2.50
4: 1			
FT800E-HT-4/1	4.00	1.00	1.02
FT800E-HT-8/2	8.00	2.00	1.02
FT800E-HT-12/3	12.00	3.00	1.30
FT800E-HT-16/4	16.00	4.00	1.78
FT800E-HT-24/6	24.00	6.00	2.10
FT800E-HT-32/8	32.00	8.00	2.50
FT800E-HT-52/13	52.00	13.00	2.50

Packaging: On spools or 1.2-meter lengths. Special sizes and cut lengths on request.

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

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Attributes	Testing	Value
Mechanical		
Tensile strength	ASTM D 638	11 N/mm ²
Ultimate elongation	ASTM D 638	300 %
Longitudinal change	ASTM D 2671	- 15 % to + 1 %
Specific gravity	ASTM D 792	1.45
Thermal		
Low temperature flexibility (- 55°C)	ASTM D 2671 C	no cracking
Short-term aging (250° C x 4h)	ASTM D 2671	no cracking, flowing or dripping
Flammability	ASTM D 2671 (B)	pass
Heat Aging (157°C x 168h)	ASTM D 638	Elongation 250%
Electrical		
Dielectric strength	ASTM D 2671	15 kV/mm
Specific volume resistivity	ASTM D 257	10 ¹⁴ Ω/cm
Chemical		
Water absorption	ASTM D 570	≤ 0.5 %
Adhesive properties		
Peel strength EN 60684-2; 54	PE: 147 N/25mm	
	Steel: 157 N/25mm	
	Aluminium: 200 N/25mm	
	Copper: 135 N/25mm	