

Polyolefin Heat-Shrink Tubing

FITCOTUBE® FT-SNHE

FITCOTUBE® FT-SNHE is a thick-walled, halogen-free tubing with adhesive liner, made from cross-linked polyolefin. It is resistant to chemical influences, non-corrosive, infusible and offers very good electrical properties and high tensile strength.

FITCOTUBE® FT-SNHE is particularly suitable for applications that require good insulation and protection against moisture and pressure, e.g. for heat-shrinkable connections and terminations.

Operating temperature: - 40°C to +120°C

Shrink temperature: + 125° C

Shrink ratio: 3:1

Standard colors: Black



Description	Dimensions (mm)		Wall Thickness (mm)
	As supplied (min.)	After recovery (max.)	After full recovery (nom.)
FT-SNHE-12/3	12	3	2.6
FT-SNHE-16/4	16	4	2.8
FT-SNHE-22/5	22	5	2.9
FT-SNHE-22/6	22	6	2.7
FT-SNHE-33/8	33	8	4.0
FT-SNHE-45/12	45	12	4.3
FT-SNHE-48/12	48	12	4.5
FT-SNHE-55/15	55	15	4.4
FT-SNHE-63/15	63	15	4.5
FT-SNHE-75/20	75	20	4.4
FT-SNHE-92/25	92	25	4.6
FT-SNHE-130/34	130	34	4.8
FT-SNHE-160/50	160	50	4.8

Packaging: 1 meter-lengths as standard. 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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Properties	Test Method	Value
Physical		
Tensile strength	IEC 60684-2	13 MPa
Breakdown elongation	IEC 60684-2	350 %
Longitudinal shrinkage	IEC 60684-2	≤ 10 %
Thermal		
Burning behavior	IEC 60684-2 method C	Not self-extinguishing
Flexibility at low temperatures	IEC 60684-2	-40°C
Thermal aging (168h x 150°C): Breakdown elongation Tensile strength at break	IEC 60684-2	250 % 12 MPa
Electrical		
Dielectric strength	IEC 60684-2	25 kV / mm
Specific volume resistivity	IEC 60684-2	10 ¹⁴ Ω x cm
Chemical		
Corrosion	IEC 60684-2	None
Resistance to fungus and decay	IEC 60684-2	Rate 1

Characteristics:

- Inscrutable
- Resistant to chemical agents
- Stabilized against UV rays
- Free from paint-wetting inhibiting substances
- Non-corrosive
- Infusible
- Superior electrical properties
- High tensile strength
- Resistant to cold flow (thermally stable)