

## Polyolefin Heat-Shrink Tubing

# FITCOTUBE® FT-SNH

FITCOTUBE® FT-SNH is a thick-walled, halogen-free tubing with a shrink ratio of 3:1, 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-SNH 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-SNH-22/6	22	6	2.7
FT-SNH-33/8	33	8	4
FT-SNH-45/12	45	12	4.4
FT-SNH-55/15	55	15	4.4
FT-SNH-75/20	75	20	4.5
FT-SNH-92/25	92	25	4.7

**Packaging:** 1 metre-lengths as standard. Cut lengths on request.

### Characteristics:

- Inscribable
- 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)

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