

Polyolefin Heat-Shrink Tubing

FITCOTUBE[®] FT-SNM

Medium wall, flexible tube with high shrink ratio. Excellent electrical insulation, e.g. in heavy-current engineering.

| Operating temperature: | - 40°C to +120°C |
|------------------------|------------------|
| Shrink temperature: | + 125° C |
| Shrink ratio: | Up to 4: 1 |
| Standard colors: | Black |
| | |



| Description | Inner Diameter (mm) | | Wall Thickness (mm) |
|---------------|---------------------|----------------------------|----------------------------|
| | as supplied (min.) | after full recovery (max.) | after full recovery (nom.) |
| FT-SNM-12/3 | 12.0 | 3.0 | 2.2 |
| FT-SNM-22/6 | 22.0 | 6.0 | 2.6 |
| FT-SNM-34/7 | 34.0 | 7.0 | 2.6 |
| FT-SNM-40/12 | 40.0 | 12.0 | 2.6 |
| FT-SNM-56/16 | 56.0 | 16.0 | 2.7 |
| FT-SNM-63/19 | 63.0 | 19.0 | 2.8 |
| FT-SNM-75/22 | 75.0 | 22.0 | 3.0 |
| FT-SNM-95/26 | 95.0 | 26.0 | 3.2 |
| FT-SNM-120/34 | 120.0 | 34.0 | 3.3 |
| FT-SNM-140/42 | 140.0 | 42.0 | 3.5 |
| FT-SNM-160/50 | 160.0 | 50.0 | 3.5 |

Packaging:

1-meter-lengths. Cut 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).

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| Attributes | Testing | Value | | |
|---|----------------------------|------------------------|--|--|
| Mechanical | | | | |
| Ultimate Elongation | IEC 60684-2 | 350 % | | |
| Tensile Strength | IEC 60684-2 | 13 MPa | | |
| Longitudinal Change | IEC 60684-2 | ≤ 10 % | | |
| Thermal | | | | |
| Fire Behavior | IEC 60684-2 method C | not self-extinguishing | | |
| Low Temperature Flexibility | IEC 60684-2 | - 40°C | | |
| Elongation after heat ageing (150°C x 168h) Ultimate Elongation Tensile Strength | IEC 60684-2 IEC 60684-2 | 250 % 12 MPa | | |
| Electrical | | | | |
| Dielectric Strength | IEC 60684-2 | 25 kV/mm | | |
| Specific Volume Resistivity | IEC 60684-2 | 10 ¹⁴ Ω/cm | | |
| Chemical | | | | |
| Corrosion | IEC 60684-2 | non corrosive | | |

rate 1

IEC 60684-2

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Fungus Resistance and

decay resistance

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