



Features/Applications

GREMTUBE® TPFN-FR is a flexible, Polyolefin extruded tubing irradiated, flame retardant, non-shrinkable
GREMTUBE® TPFN-FR offers an excellent electrical and physical properties, as well flame and corrosion resistance.
GREMTUBE® TPFN-FR is suitable for insulation of electronics, automotive parts, terminal lugs, small electrical parts, lead wires and transformers.

Various

Standard colour: Clear, Black.
Special sizes and colours available on request.

Dimensions

| Reference <i>GREMTUBE® TPFN-FR</i> | Inside Diameter (mm) | Wall Thickness (mm) | Standard Length (m/spool) |
|---------------------------------------|----------------------|---------------------|---------------------------|
| 001,0 | 1,00 ±0,10 | 0,40 ±0,06 | 200 |
| 001,3 | 1,30 ±0,10 | 0,40 ±0,06 | 200 |
| 001,7 | 1,65 ±0,10 | 0,40 ±0,06 | 200 |
| 002,1 | 2,10 ±0,15 | 0,40 ±0,06 | 200 |
| 002,6 | 2,60 ±0,15 | 0,50 ±0,08 | 200 |
| 003,3 | 3,30 ±0,15 | 0,50 ±0,08 | 200 |
| 004,1 | 4,10 ±0,20 | 0,50 ±0,08 | 100 |
| 005,2 | 5,20 ±0,20 | 0,50 ±0,08 | 100 |
| 006,5 | 6,50 ±0,20 | 0,50 ±0,08 | 100 |
| 008,3 | 8,30 ±0,30 | 0,50 ±0,08 | 100 |
| 009,5 | 9,50 ±0,40 | 0,50 ±0,08 | 100 |
| 011,1 | 11,10 ±0,40 | 0,50 ±0,08 | 100 |
| 012,7 | 12,70 ±0,40 | 0,50 ±0,08 | 100 |

•Spools as standard, cut pieces available on request



Scan to access the last release!

| Property | Values | Test Methods |
|-------------------|---------------------|-------------------------|
| Physical | Working temperature | -55°C to +125°C |
| | Tensile strength | ≥ 10,4 MPa |
| | Elongation at break | ≥ 200% |
| | Flammability | Auto-extinction |
| | Absorption d'eau | ≥ 15% |
| Electrical | Dielectric strength | ≥ 15 kV/mm |
| | Volume resistivity | ≥ 10 ¹⁴ Ω.cm |
| Chemical | Corrosion | Pass |

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 40°C) and in closed container.

19/03/2025 Rev0

Whilst every attempt is made to provide data that is as accurate as possible the values provided should be treated as a guide only. It remains the responsibility of the user to test the product and determine suitability. GREMTEK shall not be held responsible for any loss or defect resulting from incorrect, improper or inappropriate use of this product.