



Features/Applications

GREMTUBE® GTEF-FEP S/L is a high performance, highly flame retardant, modified polytetrafluorethylene (PTFE) heat shrink tubing with a meltable, fluorinated ethylene propylene (FEP) inner sleeve. GREMTUBE® GTEF-FEP S/L offers high temperature performance, an excellent resistance to chemicals and outstanding encapsulation properties. GREMTUBE® GTEF-FEP S/L is suitable for high end, critical applications, typically for splice protection in the aerospace, military and medical sectors.

Various

Standard colour: Natural. Other colours available on request.

Two types are available:

- Standard: GREMTUBE® GTEF-FEP S.
- Light: GREMTUBE® GTEF-FEP L.

Dimensions



| Reference | As supplied (mm) | After recovery (mm) | | Standard Length (m) |
|----------------------|---------------------|---------------------|--------------------|---------------------|
| | Inside Diameter (D) | Inside Diameter (d) | Wall Thickness (t) | |
| GREMTUBE® GTEF-FEP S | | | | |
| 036 | 0,91 | 0,00 | N/A | 1,2 |
| 060 | 1,52 | 0,00 | N/A | 1,2 |
| 130 | 3,30 | 0,00 | N/A | 1,2 |
| 160 | 4,06 | 0,00 | N/A | 1,2 |
| 190 | 4,83 | 1,57 | 0,89 | 1,2 |
| 250 | 6,35 | 3,18 | 0,89 | 1,2 |
| 350 | 8,89 | 4,83 | 0,89 | 1,2 |
| 450 | 11,43 | 7,92 | 1,40 | 1,2 |
| 700 | 17,78 | 11,18 | 1,40 | 1,2 |
| 950 | 24,13 | 16,00 | 1,65 | 1,2 |

• Cut pieces available on request

| Reference | As supplied (mm) | After recovery (mm) | | Standard Length (m) |
|----------------------|---------------------|---------------------|--------------------|---------------------|
| | Inside Diameter (D) | Inside Diameter (d) | Wall Thickness (t) | |
| GREMTUBE® GTEF-FEP L | | | | |
| 065 | 1,65 | 0,00 | N/A | 1,2 |
| 115 | 2,92 | 1,14 | 0,38 | 1,2 |
| 130 | 3,30 | 1,52 | 0,38 | 1,2 |
| 180 | 4,57 | 1,65 | 0,38 | 1,2 |
| 190 | 4,83 | 1,78 | 0,38 | 1,2 |
| 240 | 6,10 | 3,81 | 0,51 | 1,2 |
| 350 | 8,89 | 5,33 | 0,64 | 1,2 |
| 480 | 12,19 | 8,00 | 0,81 | 1,2 |
| 700 | 17,78 | 12,70 | 1,02 | 1,2 |
| 1000 | 25,40 | 17,78 | 1,14 | 1,2 |

• Cut pieces available on request

| Property | Values | Test Methods | |
|-------------------|---|-------------------------|------------|
| Physical | Working temperature | -200°C to +205°C | |
| | Withstand peak temperatures (short periods) | +400°C | |
| | Flammability | Pass | UL94 V0 |
| Electrical | Dielectric strength | ≥ 7,4 kV/mm | ASTM D 149 |
| | Volume resistivity | ≥ 10 ¹⁴ Ω.cm | ASTM D 257 |
| Chemical | Resistance | Inert | - |

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 35°C) and in closed containers.



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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.