



Features/Applications

GREMTUBE® G55L is a flexible, ultra-thin, flame retardant, irradiated polyolefin heat shrink tubing.

GREMTUBE® G55L offers improved installation time and therefore reduces potential damage to sensitive components.

GREMTUBE® G55L is suitable for electrical insulation where space is limited.

Various

Standard colours: Black, White, Red, Blue, Yellow, Green.

Special sizes and colours available on request.



Dimensions

| Reference <i>GREMTUBE® G55L</i> | As supplied (mm) | After recovery (mm) | | Standard Length (m/spool) |
|------------------------------------|--------------------------|--------------------------|-------------------------|---------------------------|
| | Inside Diameter Min. (D) | Inside Diameter Max. (d) | Wall Thickness Min. (t) | |
| 3/64 | 1.2 | 0.60 | 0.18 | 150 |
| 1/16 | 1.6 | 0.80 | 0.18 | 150 |
| 3/32 | 2.4 | 1.20 | 0.25 | 150 |
| 1/8 | 3.2 | 1.60 | 0.25 | 150 |
| 3/16 | 4.8 | 2.40 | 0.25 | 75 |
| 1/4 | 6.4 | 3.20 | 0.25 | 75 |

• Spools as standard, cut pieces available on request

Property

| Property | Values | Test Methods | | |
|-------------------|--|---------------------------|---------------------------|------------|
| Physical | Working temperature | -55°C to +125°C | - | |
| | Longitudinal change | ±10 % | - | |
| | Density @ 23°C | ≤ 1,40g/cm ³ | ASTM D 792 | |
| | Tensile strength | Unaged | ≥ 1,1 kgf/mm ² | ASTM D 412 |
| | Elongation | | ≥ 200% | UL224 |
| | Tensile strength | Aged (168h @ 158°C) | ≥ 0,8 kgf/mm ² | ASTM D 412 |
| | Elongation | | ≥ 100% | UL224 |
| | Heat shock (4h @ 250°C) | Pass | UL224 | |
| | Low temperature flexibility (4h @ -55°C) | No crack | ASTM D 2671 | |
| Secant modulus | ≤ 173 MPa | UL224 | | |
| Electrical | Dielectric voltage withstand | Unaged | ≥ 20kV/mm | UL224 |
| | | Aged (168h @ 158°C) | | |
| | Volume resistivity | ≥ 1x10 ¹⁴ Ω-cm | ASTM D 257 | |
| Chemical | Copper corrosion | No corrosion | UL224 | |
| | Flammability | Pass | UL 224 | |

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



We certify that the values provided are as accurate as possible. Use of these values, however, remains the sole responsibility of the customer and cannot in any way substitute for testing the product under real conditions of use. The user must assess whether this product is suitable for a particular use. Gremco shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.