



**Features/Applications**

GREMTUBE® GLST is a flexible, low shrink temperature, flame retardant, irradiated polyolefin heat shrink tubing. GREMTUBE® GLST offers improved installation time and therefore reduces potential damage to sensitive components. GREMTUBE® GLST is suitable for electrical insulation, strain relief, bonding of cables and connectors and is widely used for interconnections and terminations of temperature sensitive components.

**Various**

Standard colours: Black, White, Red, Blue, Yellow, Green.  
Special sizes and colours available on request.

**Dimensions**



Reference <i>GREMTUBE® GLST</i>	As supplied (mm)		After recovery (mm)		Standard Length (m/spool)
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Inside Diameter Max. (d)	Wall Thickness Min. (t)	
3/64	1.2	0.58	0.58	0.33	150
1/16	1.6	0.79	0.79	0.36	150
3/32	2.4	1.17	1.17	0.43	150
1/8	3.2	1.57	1.57	0.43	150
3/16	4.8	2.36	2.36	0.43	75
1/4	6.4	3.18	3.18	0.56	75
3/8	9.6	4.75	4.75	0.56	75
1/2	12.7	6.35	6.35	0.56	75
3/4	19.1	9.53	9.53	0.69	50
1	25.4	12.70	12.70	0.76	30
1-1/2	38.1	19.00	19.00	0.86	30
2	50.8	25.40	25.40	0.97	30
2-1/2	63.5	31.75	31.75	1.17	30
3	76.2	38.10	38.10	1.17	30
4	101.6	50.80	50.80	1.17	30
5	127.0	63.50	63.50	1.17	30

•Spools as standard, cut pieces available on request

**Property**

Property	Values	Test Methods		
<b>Physical</b>	Working temperature	-55°C to +125°C	-	
	Longitudinal change	±10 %	-	
	Density @ 23°C	≤ 1,40g/cm³	ASTM D 792	
	Tensile strength	Unaged	≥ 1,1 kgf/mm²	ASTM D 412
	Elongation		≥ 200%	UL224
	Tensile strength	Aged (168h @ 158°C)	≥ 0,8 kgf/mm²	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	
<b>Electrical</b>	Dielectric voltage withstand	Unaged	≥ 2 500v/1min.	UL224
		Aged (168h @ 158°C)		
Volume resistivity	≥ 1x10 <sup>14</sup> Ω-cm	ASTM D 257		
<b>Chemical</b>	Copper corrosion	No corrosion		
	Corrosion Stability elongation (168h @ 158°C)	No sign of degradation	UL224	
		Min. 100%		
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.