



Features/Applications

GREMTUBE® G55 is a flexible, flame retardant, irradiated polyolefin heat shrink tubing. GREMTUBE® G55 has excellent insulation properties. GREMTUBE® G55 is suitable for electrical insulation, strain relief, bonding of cables and connectors and is widely used for interconnections or terminations.

Various

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

Specifications

UL 224, File n°E328344: VW-1, 600V, 125°C (except clear products).

Dimensions



Reference <i>GREMTUBE® G55</i>	As supplied (mm)		After recovery (mm)		Standard Length (m/spool)
	Inside Diameter Mini. (D)	Inside Diameter Maxi. (d)	Inside Diameter Maxi. (d)	Wall Thickness Mini. (t)	
3/64	1,2	0,60	0,60	0,33	150
1/16	1,6	0,80	0,80	0,36	150
3/32	2,4	1,20	1,20	0,43	150
1/8	3,2	1,60	1,60	0,43	150
3/16	4,8	2,40	2,40	0,43	75
1/4	6,4	3,20	3,20	0,56	75
3/8	9,5	4,80	4,80	0,56	75
1/2	12,7	6,40	6,40	0,56	50
3/4	19,1	9,50	9,50	0,69	30
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
3	76,2	38,10	38,10	1,17	15
4	101,6	50,80	50,80	1,17	15
5	127,0	63,50	63,50	1,17	15

•Spools as standard, cut pieces available on request

Property

Property	Values	Test Methods
Physical		
Working temperature	-55°C to +125°C	-
Longitudinal change	±5%	-
Density @ 23°C	≤ 1,40g/cm³	ASTM D 792
Tensile strength	≥ 1,1 kgf/mm²	ASTM D 412
Elongation	Unaged ≥ 200%	UL224
Tensile strength	Aged (158h @ 168°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
Electrical		
Dielectric voltage withstand	Unaged Aged ≥ 20kV/mm	UL224 158°C/168h
Volume resistivity	≥ 1x10 ¹⁴ Ω-cm	ASTM D 257
Chemical		
Copper Corrosion	No corrosion	UL224
Flammability	Pass	UL 224
Smoke index (SI)	Max.70/flame mode Max.100/non flame mode	ASTM E 662

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. Greenco shall not be held responsible for any loss or anomaly resulting from the correct or incorrect use of this product.