



Features/Applications

GREMTUBE® G63 is a highly flexible, low shrink temperature, flame retardant, irradiated Polyolefin heat shrink tubing.

GREMTUBE® G63 offers improved installation time and therefore reduces potential damage to sensitive components.

GREMTUBE® G63 is suitable for electrical cable insulation, strain relief and cable bundling. It is widely used for joints when UL rating is required.

Various

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

Special sizes and colours are available on request.

Specifications

Railway validation: EN 45545-2 – HL3 (R24) ; NF F 00-608 compliant.

UL 224, File No. E328344: VW-1, 600V (AC), 125°C. (Except clear products)

MIL-I-23053/5 Class 1 and 3, 135°C.

Dimensions



Reference	As supplied (mm)	After full recovery (mm)		Standard Length (m)	
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness (t)	Spool	Stick
GREMTUBE® G63					
001,0	1,20	0,60	0,41 ±0,10	200	1,2
001,5	1,60	0,80	0,41 ±0,10	200	1,2
002,0	2,40	1,20	0,51 ±0,10	150	1,2
003,0	3,20	1,60	0,51 ±0,10	150	1,2
004,5	4,80	2,40	0,51 ±0,10	150	1,2
006,0	6,40	3,20	0,64 ±0,10	150	1,2
009,0	9,50	4,80	0,64 ±0,10	75	1,2
012,0	12,7	6,40	0,64 ±0,10	50	1,2
018,0	19,1	9,50	0,76 ±0,15	30	1,2
025,0	25,4	12,70	0,89 ±0,15	30	1,2
032,0	32,0	15,90	0,89 ±0,15	30	1,2
040,0	40,0	20,10	1,00 ±0,15	30	1,2
050,0	51,0	25,40	1,15 ±0,15	25	1,2
080,0	80,0	40,10	1,27 ±0,20	20	1,2
100,0	102,0	50,80	1,40 ±0,20	20	1,2
120,0	125,0	63,50	1,40 ±0,25	20	1,2

• Spools as standard, cut pieces are available on request

Property

		Values	Test Methods
Physical	Working temperature	-55°C to +135°C	-
	Longitudinal change	±8%	-
	Tensile strength	Unaged	≥ 10,4 MPa
	Elongation at break	Unaged	≥ 200%
	Tensile strength	Aged 168h @ 175°C	≥ 7,3 MPa
	Elongation at break	Aged 168h @ 175°C	≥ 100%
	Heat shock	4h @ 250°C	No cracking
	Cold Bend	1h @ -55°C	No cracking
	Flammability, Smoke & Toxicity	Procedure C	VW-1
			R24 - HL3
Electrical	Dielectric strength	≥ 19,7 kV/mm	ASTM D 2671
	Dielectric withstand	60s @ 2500V	No Breakdown
	Volume resistivity	≥ 10 ¹⁴ Ω.cm	ASTM D 876
Chemical	Copper stability	168h @ 175°C	Pass
	Anti Corrosion	168h @ 175°C	Pass



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

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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.