



Features/Applications

GREMTUBE® G63 EV is a flexible, UL 94 V-0 flame-retardant polyolefin heat shrink tubing. GREMTUBE® G63 offers reliable electrical insulation and excellent flame-retardant performance. GREMTUBE® G63 EV is suitable for electrical insulation and protection applications in electric vehicles, including busbar insulation, where UL 94 V-0 performance is required.

Various

Standard colours: Orange (RAL2003)



Dimensions



Reference	As supplied (mm)	After full recovery (mm)		Standard Length (m)
GREMTUBE® G63 EV	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness Min. (t)	Spool
014,0	14,0	7,0	1,35 ±0,20	
016,0	16,0	8,0	1,35 ±0,20	
018,0	18,5	9,0	1,35 ±0,20	
020,0	21,5	10,0	1,35 ±0,20	
022,0	23,5	11,0	1,35 ±0,20	
025,0	25,5	12,5	1,35 ±0,20	
028,0	28,5	14,0	1,35 ±0,20	
030,0	30,5	15,0	1,35 ±0,20	
035,0	35,5	18,0	1,35 ±0,20	
040,0	40,5	20,0	1,35 ±0,20	

• Spools as standard, cut pieces are available on request

Property

		Values	Test Methods
Physical	Working temperature	-55°C to +125°C	-
	Longitudinal change	±10%	-
	Tensile strength	Unaged	UL 224
	Elongation at break		
	Tensile strength	Aged 168h @ 158°C	UL 224
	Elongation at break		
	Cold Bend	1h @ -30°C	UL 224
	Flammability	Procedure C	UL 224
		V-0	UL 94
Electrical	Dielectric strength	≥ 15 kV/mm	UL 224
	Dielectric withstand	60s @ 4000V	UL 224
	Volume resistivity	≥ 10 ¹⁴ Ω.cm	UL 224
Chemical	Copper stability	168h @ 158°C	UL 224
	Anti Corrosion	168h @ 158°C	UL 224



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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.