



Features/Applications

GREMTUBE® G63A 4X is a flexible, flame retardant, irradiated Polyolefin heat shrink tubing with adhesive.

GREMTUBE® G63A 4X offers both electrical insulation and waterproof sealing against moisture or other contaminants and excellent adhesion.

GREMTUBE® G63A 4X is suitable for protecting cables, wire connections and metal tubes against moisture where flame retardant properties and high temperature resistance are required.

Various

Standard colours: Black.

Special sizes and colours are available on request.

Specifications

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



Dimensions

Reference	As supplied (mm)	After full recovery (mm)		Standard Length (m)	
		Inside Diameter (D)	Inside Diameter (d)	Spool	Stick
GREMTUBE® G63A 4X					
004,0	≥ 4,0	≤ 1,0	1,05 ±0,30	200	-
006,0	≥ 6,0	≤ 1,5	1,15 ±0,30	100	-
008,0	≥ 8,0	≤ 2,0	1,55 ±0,30	100	-
012,0	≥ 12,0	≤ 3,00	1,75 ±0,30	-	1,2
016,0	≥ 16,0	≤ 4,0	2,00 ±0,30	-	1,2
020,0	≥ 20,0	≤ 5,0	2,30 ±0,40	-	1,2
024,0	≥ 24,0	≤ 6,0	2,60 ±0,40	-	1,2
032,0	≥ 32,0	≤ 8,0	3,00 ±0,50	-	1,2
040,0	≥ 40,0	≤ 10,0	2,80 ±0,50	-	1,2
052,0	≥ 52,0	≤ 13,0	3,35 ±0,50	-	1,2

● Spools as standard, cut pieces are available on request



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Property

		Values	Test Methods
Physical	Working temperature	-45°C to +125°C	-
	Longitudinal change	±8%	-
	Tensile strength	Unaged	≥ 10,4 MPa
	Elongation at break	Unaged	≥ 200%
	Tensile strength	Aged 168h @ 158°C	≥ 7,3 MPa
	Elongation at break	Aged 168h @ 158°C	≥ 100%
	Flammability	(only outer jacket)	Pass
Electrical	Dielectric strength	≥ 15 kV/mm	IEC 60243
	Volume resistivity	≥ 10 ¹⁴ Ω.cm	IEC 60093
Adhesive	Sealing against water, moisture or other contaminants	Good	-
	Water absorption	< 0,2%	ASTM D570
	Softening point	95°C	ASTM E28
	Peel strength to PE	120 N/25mm	ASTM D1000
	Peel strength to aluminum	80 N/25mm	ASTM D1000

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.