



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 an excellent adhesion.
GREMTUBE® G63A 4X is suitable to protect cable, wire connections and metal tubes against moisture properties and high working temperature are required.

Various

Standard colours: Black.
Special sizes and colours available on request.

Specifications

UL 224, File N°E328344: VW-1, 600V (AC), 125°C. (Except clear product)



Dimensions



Reference	As supplied (mm)		After recovery (mm)		Standard Length (m)	
	Inside Diameter (D)	Inside Diameter (d)	Inside Diameter (d)	Total Wall Thickness (t)	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 available on request

Property	Values	Test Methods
Physical		
Working temperature	-45°C to +125°C	-
Longitudinal change	±8%	-
Tensile strength	Unaged	≥ 10,4 MPa
Elongation at break		≥ 200%
Tensile strength	Aged 168h @ 158°C	≥ 7,3 MPa
Elongation at break		≥ 100%
Flammability	Pass	ASTM D 2671 B
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 45°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.