



Features/Applications

GREMTUBE® G63AZ 3X is a halogen-free, flame-retardant, irradiated Polyolefin heat shrink tubing with adhesive.

GREMTUBE® G63AZ 3X offers insulation and sealing characteristics for a wide range of applications. It covers a wide range of diameters, helping reduce inventory. It fits snugly on tight bends.

GREMTUBE® G63AZ 3X is particularly suited to protecting cables, wire splices and metal tubes against moisture when halogen-free and flame-retardant properties are required.

Various

Standard colours: Black.

Special sizes and colours are available on request.

Specifications

Railway validation: EN 45545-2 – HL3 (R24).



Dimensions



Reference	As supplied (mm)	After full recovery (mm)		Standard Length (m)	
		Inside Diameter Min. (D)	Inside Diameter Max. (d)	Total Wall Thickness Nom. (t)	
GREMTUBE® G63AZ 3X					
002,4	2,4	0,8	0,80 ±0,30	200	-
003,2	3,2	1,0	0,90 ±0,30	200	-
004,8	4,8	1,6	1,05 ±0,30	100	-
006,4	6,4	2,2	1,25 ±0,30	100	-
007,9	7,9	2,7	1,35 ±0,30	100	-
009,5	9,5	3,2	1,45 ±0,30	50	-
012,7	12,7	4,2	1,65 ±0,30	-	1,22
015,0	15,0	5,2	1,80 ±0,30	-	1,22
019,1	19,1	6,3	1,95 ±0,30	-	1,22
025,4	25,4	8,5	2,00 ±0,40	-	1,22
030,0	30,0	10,2	2,15 ±0,40	-	1,22
039,0	39,0	13,5	2,45 ±0,40	-	1,22
050,0	50,0	17,0	2,75 ±0,40	-	1,22

● Cut pieces are 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, Smoke & Toxicity	Self-extinguishing in 60s (outer layer)	Pass
Electrical	Dielectric strength	HL3 (R24)	EN 45545-2
	Volume resistivity	≥ 15 kV/mm	IEC 243
		≥ 10 ¹⁴ Ω.cm	IEC 93
Adhesive	Water absorption	< 0,2%	ASTM D570
	Vicat Softening Point	95°C	ASTM E28
	Peel Strength (PE)	120N/25mm	ASTM D1000
	Peel Strength (AL)	80N/25mm	ASTM D1000



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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.