



**Features/Applications**

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

GREMTUBE® G63AZ 3X offers both insulation and sealing characteristics and meets the most stringent industrial and military requirements. It covers a wide range of diameters, helping reduce inventory. It fits snugly on tight bends.

GREMTUBE® G63AZ 3X is particularly suited to protect 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 available on request.

**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)	Spool	Stick
<i>GREMTUBE® G63AZ 3X</i>						
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 available on request

**Property**

Property	Values	Test Methods
<b>Physical</b>		
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
		AMS-DTL-23053/4
	R24 - HL3	EN 45545-2
<b>Electrical</b>		
Dielectric strength	≥ 15 kV/mm	IEC 243
Volume resistivity	≥ 10 <sup>14</sup> Ω.cm	IEC 93
<b>Adhesive</b>		
Water absorption	< 0,2%	ASTM D570
Vicat Softening Point	95°C	ASTM E8
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.

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.

21/05/2026 Rev1