



Features/Applications

GREMTUBE® G53YG 3X is a flexible, flame retardant, irradiated Polyolefin heat shrink tubing. GREMTUBE® G53YG 3X has excellent insulation properties. GREMTUBE® G53YG 3X is suitable for electrical insulation, strain relief, bonding of cables and connectors and is widely used when a striped color is required for identify electrical grounding.

Various

Standard colours: Yellow/Green striped.
Special sizes and colours available on request.



Dimensions

Reference	As supplied (mm)	After recovery (mm)		Standard Length (m)
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness (t)	Spool
GREMTUBE® G53YG 3X				
003,2	3,2	1,0	0,55 ±0,15	200
004,8	4,8	1,5	0,60 ±0,15	100
006,4	6,4	2,0	0,65 ±0,15	100
009,5	9,5	3,0	0,75 ±0,15	50
012,7	12,7	4,0	0,75 ±0,20	50
019,1	19,1	6,0	0,85 ±0,20	50
025,4	25,4	8,0	1,00 ±0,20	50
039,0	39,0	13,0	1,50 ±0,20	50

•Spools as standard, cut pieces available on request



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Property

Property		Values	Test Methods	
Physical	Working temperature	-55°C to +125°C	-	
	Longitudinal change	±8%	-	
	Tensile strength	Unaged	≥ 10,4 MPa	ASTM D 2671
	Elongation at break		≥ 200%	
	Tensile strength	Aged 168h @ 158°C	≥ 7,3 MPa	ASTM D 2671
	Elongation at break		≥ 100%	
Flammability	Procedure C	VW-1	UL 224	
Electrical	Dielectric strength	≥ 15 kV/mm	IEC 243	
	Volume resistivity	≥ 10 ¹⁴ Ω.cm	IEC 93	

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.