



Features/Applications

GREMTUBE® G53 3X is a flexible, flame retardant, irradiated Polyolefin heat shrink tubing. GREMTUBE® G53 3X has excellent insulation properties. GREMTUBE® G53 3X is suitable for electrical insulation, strain relief, bonding of cables and connectors and is widely used for joints or terminations.

Various

Standard colours: Black, Red, Blue, Green, Yellow, White, Clear.
Special sizes and colours are available on request.

Specifications

Railway validation: EN 45545-2 – HL3 (R22).
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)
GREMTUBE® G53 3X	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness (t)	Spool
001,5	1,50	0,5	0,45 ±0,10	200
003,0	3,00	1,0	0,55 ±0,10	150
004,5	4,50	1,5	0,60 ±0,10	150
006,0	6,00	2,0	0,65 ±0,10	100
009,0	9,00	3,0	0,75 ±0,15	75
012,0	12,0	4,0	0,75 ±0,15	50
015,0	15,0	5,0	0,80 ±0,15	50
018,0	18,0	6,0	0,85 ±0,15	30
024,0	24,0	8,0	1,00 ±0,20	30
030,0	30,0	10,0	1,15 ±0,20	30
039,0	39,0	13,0	1,50 ±0,20	30
050,0	50,0	16,0	2,50 ±0,20	25
060,0	60,0	20,0	2,60 ±0,20	20
070,0	70,0	23,0	2,60 ±0,20	20
080,0	80,0	26,0	2,60 ±0,20	20
090,0	90,0	30,0	2,60 ±0,20	20
100,0	100,0	33,0	2,60 ±0,20	20

• Spools as standard, cut pieces are available on request

Property	Values	Test Methods
Physical	Working temperature	-55°C to +125°C
	Longitudinal change	±5%
	Tensile strength	≥ 10,4 MPa
	Elongation at break	≥ 200%
	Tensile strength	≥ 7,3 MPa
	Elongation at break	≥ 100%
	Heat shock	No cracking
	Cold Bend	No cracking
	Flammability, Smoke & Toxicity	VW-1
		R22 - HL3
Electrical	Dielectric strength	≥ 15 kV/mm
	Dielectric withstand	No Breakdown
	Volume resistivity	≥ 10 ¹⁴ Ω.cm
Chemical	Copper stability	Pass
	Anti Corrosion	Pass



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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.