



Features/Applications

GREMTUBE® G55Z is a highly flexible, halogen free, flame retardant, irradiated Polyolefin heat shrink tubing.

GREMTUBE® G55Z offers reliable electrical insulation and halogen-free performance.

GREMTUBE® G55Z is suitable for mass transportation applications when halogen-free properties are required.

Various

Standard colours: Black, White.

Special sizes and colours are available on request.

Specifications

Railway validation: EN 45545-2 – HL2 (R22 & R23).



Dimensions



Reference	As supplied (mm)	After full recovery (mm)		Standard Length (m/spool)
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness Min. (t)	
GREMTUBE® G55Z				
001,0	1,3	0,7	0,28	200
001,5	1,8	0,9	0,32	200
002,0	2,3	1,0	0,35	200
003,0	3,3	1,5	0,40	200
004,5	4,8	2,3	0,50	200
006,0	6,3	3,0	0,55	100
009,0	9,2	4,5	0,60	100
012,0	12,2	6,0	0,60	100
015,0	15,1	7,5	0,70	100
018,0	18,5	9,0	0,80	100
025,0	25,5	12,5	0,90	50
030,0	30,5	15,0	0,95	50
040,0	40,5	20,0	1,00	50
050,0	50,0	25,0	1,00	25
080,0	80,0	41,0	1,46	25
100,0	100,0	51,0	1,46	25
150,0	150,0	76,0	1,56	25

•Spools as standard, cut pieces are available on request



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Property

		Values	Test Methods
Physical	Working temperature	-55°C to +125°C	-
	Longitudinal change	± 5%	-
	Tensile strength	Unaged	ASTM D 2671
	Elongation at break		
	Tensile strength	Aged (168h @ 158°C)	UL 224
	Elongation at break		
	Heat shock	4h @ 225°C	UL 224
	Flammability, Smoke & Toxicity	HL2 (R22 & R23)	EN 45545-2
Electrical	Dielectric strength	≥ 15 kV/mm	IEC 243
	Volume resistivity	≥ 10 ¹⁴ Ω.cm	IEC 93
Chemical	Copper corrosion	168h @ 158°C	No corrosion
			UL 224

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.