



Features/Applications

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

GREMTUBE® G55Z is safe: no toxic smoke nor harmful substances.

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

Various

Standard colours: Black, white.

Special sizes and colours available on request.

Specifications

EN 45545-2 approved.

Dimensions



Reference	As supplied (mm)		After recovery (mm)		Standard Length (m/spool)
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Inside Diameter Min. (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 available on request

Property	Values	Test Methods		
Physical	Working temperature	-55°C to +125°C	-	
	Longitudinal change	± 5%	-	
	Tensile strength	Unaged	≥ 10,4 MPa	ASTM D 2671
	Elongation at break		≥ 200%	
	Tensile strength	Aged (168h @ 158°C)	≥ 7,3 MPa	UL 224
	Elongation at break		≥ 100%	
	Heat shock	4h @ 225°C	No crack	UL 224
	Flammability, Smoke & Toxicity	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 containers.



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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.