



### 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)	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



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### Property

Property	Values	Test Methods
<b>Physical</b>		
Working temperature	-55°C to +125°C	-
Longitudinal change	± 5%	-
Tensile strength	Unaged	≥ 10,4 MPa
Elongation at break		≥ 200%
Tensile strength	Aged (168h @ 158°C)	≥ 7,3 MPa
Elongation at break		≥ 100%
Heat shock	4h @ 225°C	No crack
Flammability, Smoke & Toxicity	R22 & R23	EN 45545-2
<b>Electrical</b>		
Dielectric strength	≥ 15 kV/mm	IEC 243
Volume resistivity	≥ 10 <sup>14</sup> Ω.cm	IEC 93
<b>Chemical</b>		
Copper corrosion	168h @ 158°C	No corrosion

**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.

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