



### Features/Applications

GREMTUBE® G55 is a flexible, flame retardant, irradiated polyolefin heat shrink tubing. GREMTUBE® G55 has excellent insulation properties. GREMTUBE® G55 is suitable for electrical insulation, strain relief, bonding of cables and connectors and is widely used for joints or terminations.

### Various

Standard colours: Black, white, red, blue, yellow, green, yellow/green, clear. Special sizes and colours available on request.

### Specifications

UL 224, File n°E328344: VW-1, 600V (AC), 125°C (except clear products).

### 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® G55				
001,2	1,3	0,6	0,33	200
001,6	1,8	0,7	0,36	200
002,4	2,7	1,2	0,43	150
003,2	3,4	1,6	0,43	150
004,8	4,9	2,4	0,43	150
006,4	6,4	3,2	0,56	150
009,5	9,5	4,8	0,56	75
012,7	12,7	6,4	0,56	50
019,1	19,1	9,5	0,69	30
025,4	25,7	12,7	0,76	30
038,1	38,1	19,1	0,86	30
050,8	51,0	25,4	0,97	30
076,2	76,2	38,1	1,07	20
101,6	101,0	50,8	1,17	20
127,0	127,0	63,5	1,17	20

•Spools as standard, cut pieces available on request

### Property

Property	Values	Test Methods
<b>Physical</b>		
Working temperature	-55°C to +125°C	-
Longitudinal change (except clear and size over 25,4mm)	± 5% (±10%)	-
Tensile strength	Unaged	≥ 10,4 MPa
Elongation at break	Unaged	≥ 200%
Tensile strength	Aged (168h @ 158°C)	≥ 7,4 MPa
Elongation at break	Aged (168h @ 158°C)	≥ 100%
Heat shock	4h @ 250°C	No crack
Low temperature flexibility	4h @ -55°C	No crack
Flammability (except clear)	VW-1	UL 224
<b>Electrical</b>		
Dielectric strength	Unaged	≥ 20 kV/mm
	Aged (168h @ 158°C)	ASTM D 2671
Volume resistivity		≥ 10 <sup>14</sup> Ω.cm
		ASTM D 257
<b>Chemical</b>		
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.

