



Features/Applications

GREMARK® PG55Z is a flat printable, halogen free, flame retardant, irradiated polyolefin heat shrink tubing.

GREMARK® PG55Z offers an excellent solution for cable identification and meets the highest requirements in railway, military and industrial sectors.

GREMARK® PG55Z is suitable for electrical cable insulation and for identifying cables and wires. It is widely used in the railway, automotive, industrial and military sector.

Various

Standard colours: White, yellow.

Other colours available on request.

Specifications

EN 45545-2 approved.

Preferred printer / ribbon combination

To be used with the GREMTEK printing system

- Thermal transfer printer type SQUIX (one side) or XD4 (double side)
- Thermal transfer ribbon type GR-TT6100

Dimensions



Reference	As supplied (mm)	After recovery (mm)		Standard Length (m/spool)
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness Min. (t)	
GREMARK® PG55Z				
001,0	1,3	0,7	0,28	75
001,5	1,8	0,9	0,32	75
002,0	2,3	1,0	0,35	75
003,0	3,3	1,5	0,40	75
004,5	4,8	2,3	0,50	75
006,0	6,3	3,0	0,55	50
009,0	9,2	4,5	0,60	50
012,0	12,2	6,0	0,60	50
015,0	15,1	7,5	0,70	50
018,0	18,5	9,0	0,80	50
025,0	25,5	12,5	0,90	50

•Spools as standard, cut & marked pieces available on request

Property

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

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 50°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.