



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

Railway approved EN 45545-2 R22-R23.

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	Values	Test Methods
Physical		
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
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.

