



Features/Applications

GREMARK® PG61 3X is a flat printable, flame retardant, polyolefin heat shrink tubing. GREMARK® PG61 3X offers an excellent solution for cable identification and meets the highest requirements in railway, military and industrial sectors. GREMARK® PG61 3X 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

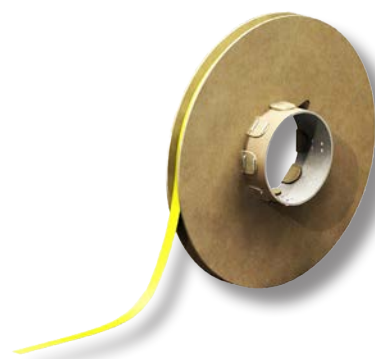
Standard colours: White, yellow.
Other colours available on request.

Specifications

SNCF NF F00-608 & EN 45545-2 approved.
Meets MIL-I-23053/5 Class 1&3.

Preferred printer / ribbon combination

To be used with the GREMTEK printing system
- Thermal transfer printer type SQUIX 4 (one side) or XD4 (double side)
- Thermal transfer ribbon type GR-TT6100



Dimensions

Reference <i>GREMARK® PG61 3X</i>	As supplied (mm)	After recovery (mm)		Standard Length (m/spool)
	Inside Diameter Min. (D)	Inside Diameter Max. (d)	Wall Thickness Min. (t)	
001,5	1,5	0,5	0,40	75
003,0	3,0	1,0	0,50	75
004,5	4,5	1,5	0,54	75
006,0	6,0	2,0	0,59	75
009,0	9,3	3,0	0,68	75
012,0	12,3	4,0	0,68	50
018,0	18,0	6,0	0,77	50
024,0	24,0	8,0	0,90	50

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

Property

		Values	Test Methods
Physical	Working temperature	-55°C to +135°C	-
	Longitudinal change	±5%	-
	Tensile strength	Unaged	≥ 10,4 MPa
	Elongation at break	Unaged	≥ 200%
	Tensile strength	Aged (168h @ 175°C)	≥ 7,8 MPa
	Elongation at break	Aged (168h @ 175°C)	≥ 100%
	Heat shock	4h @ 250°C	No crack
	Low temperature flexibility	4h @ -55°C	No crack
	Flammability, Smoke & Toxicity	Procedure B/C	Pass
Electrical	Dielectric strength	≥ 20 kV/mm	ASTM D 2671
	Volume resistivity	≥ 10 ¹⁴ Ω.cm	ASTM D 876
	Copper corrosion	168h @ 175°C	No corrosion
Chemical			UL 224

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 50°C) and in closed containers.

