



Features/Applications

GREMTAPE® TPG53A is a flexible, irradiated polyolefin heat shrink tape with adhesive. GREMTAPE® TPG53A offers both electrical insulation and sealing against moisture or other contaminants and an excellent adhesion. GREMTAPE® TPG53A is suitable to protect cables, ducts, metal tubes for electrical and sealing insulation when the use of heat shrink tubing is impossible or for oversized applications. It is widely used in heating, ventilating, air conditioning and exhaust recovery systems.

Various

Standard colours: Black, Red, Green, Yellow

Dimensions

Reference	As supplied (mm)		Standard Length (m/spool)
	Width	Wall Thickness	
GREMTAPE® TPG53A 025,0	25	1,00 ±0,10	5,1
050,0	50	1,00 ±0,10	5,1
100,0	100	1,00 ±0,10	5,1

Property	Values	Test Methods
Physical		
Working temperature	-45°C to +125°C	-
Tensile strength	≥ 10,4MPa	ASTM D 2671
Elongation at break	Unaged ≥ 300%	
Tensile strength	≥ 7,3 MPa	ASTM D 2671
Elongation at break	Aged (168h @ 158°C) ≥ 200%	
Electrical		
Dielectric strength	≥ 15 kV/mm	IEC 243
Volume resistivity	≥ 10 ¹⁴ Ω.cm	ASTM D 876
Adhesive		
Water absorption	< 0,2%	ASTM D570
Softening point	95°C	ASTM E 28
Peel strength (PE)	120 N/25mm	ASTM D 1000
Peel strength (AL)	80N/25mm	ASTM D 1000

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 45°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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