



Features/Applications

GREMTAPE® TPG53AZ is a flexible, halogen free, irradiated Polyolefin heat shrink tape with adhesive.

GREMTAPE® TPG53AZ offers both electrical insulation and sealing against moisture or other contaminants and an excellent adhesion.

GREMTAPE® TPG53AZ is suitable to protect cables, ducts and protecting medium voltage Bus Bar connections for electrical and sealing insulation when the use of heat shrink tubing is impossible or for oversized applications.

Various

Standard colours: Red

Specification

Meets ANSI C37.20.2 standards for MV switchgear application up to 36 kV



Dimensions

Reference	As supplied (mm)		Standard Length (m/spool)
	Width	Wall Thickness	
GREMTAPE® TPG53AZ	50	1,00 ±0,10	15,0



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Property

		Values	Test Methods
Physical	Working temperature	-40°C to +115°C	IEC 216
	Shrink temperature	+125°C	IEC 216
	Tensile strength	≥ 10,5MPa	ASTM D 638
	Elongation at break	≥ 300%	
	Tensile strength	≥ 10 MPa	ASTM D 638
	Elongation at break	≥ 250%	
	Water absorption	< 0,5%	ASTM D 570
	Hardness	45 ±10 Shore D	ASTM D 2240
	Low temp. flexibility	4h @ -40°C	ASTM D 2671
	Heat shock	1/2h @ 250°C	ESI 09-11
Electrical	Dielectric strength	≥ 22 kV/mm	ASTM D 149
	Volume resistivity	≥ 10 ¹⁴ Ω.cm	ASTM D 257

Recommended storage conditions: Keep in cool, dry, ventilated storage (maximum temperature of 35°C) and in closed container.

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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.