

51596

POLYESTER FILM / POLYESTER NON-WOVEN ELECTRICAL TAPE

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

DESCRIPTION

The combination of polyester film and polyester non-woven materials can be used on a wide variety of electrical applications. Multi-purpose tape for applications which require a combination tear and puncture resistance, high tensile strength with elongation and excellent dielectric strength.

PRODUCT APPLICATIONS

Ideal for high volume coil wrapping applications, ground and barrier insulation, outer protective wrap for bobbin applications, coil end insulation anchoring leads and terminal board pads.

NOMINAL VALUES

The following data are nominal values based on PSTC, ASTM and other standard tests. The data should not be considered as specifications.

Backing	Polyester Film / Non-woven
Backing Thickness	3.5 mil (0.089 mm)
Adhesive	Rubber Thermosetting
Color	Black, Tan
Total Thickness	4.5 mil (0.114 mm)
Dielectric Strength	4500 Volts
Temp/Class	130°C / B
Insulation Resistance	10 ⁵ megohms
Tensile Strength	31.5 lbs/in (55 N/cm)
Adhesion to Steel	60 oz/in (6.6 N/cm)
Elongation	30%
Electrolytic Corrosion	1.0 Direct/ A, 1*
Flammability	BU 2*
Storage Stability	Excellent
Solvent Resistance	Excellent
Moisture Resistance	Excellent
UL File #	E20780
CSA File #	LR94980

*VDE 0340



100 Paramount Drive, Suite 300 | Sarasota, FL 34232 | USA
Customer Service: 800.IPG.8273 | 800.474.8273
Tape Technical Service: 877.447.4832
www.itape.com | info@itape.com

While we believe them to be reliable, the statements and information herein are only for general guidance and are not warrants or guarantees for accuracy and completeness. The user must, by test or otherwise, determine suitability for this purpose. There is no warranty of fitness for a particular purpose. Our standard term and conditions of sale apply exclusively to all orders, and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products and publications.

EFFECTIVE: 11/13

