

51599

POLYESTER FILM / GLASS FILAMENT REINFORCED ELECTRICAL TAPE

IPG®

TECHNICAL DATA SHEET

DESCRIPTION

Features high tensile strength and conformable backing with aggressive adhesive for a variety of heavy duty insulating and holding applications. This tape is very resistant to chemicals, solvents and aging, and offers high dielectric strength and insulation resistance.

PRODUCT APPLICATIONS

Lead holding of heavy gauge wires in transformers, coils and electric motors. Also for bundling armature coils.

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 / Glass Filaments
Backing Thickness	5.0 mil (0.127 mm)
Adhesive	Rubber Thermosetting
Color	Natural
Total Thickness	7.0 mil (0.178 mm)
Dielectric Strength	5000 Volts
Dielectric Constant	1.96
Temp/Class	130°C / B
Insulation Resistance	10 ⁵ megohms
Tensile Strength	350 lbs/in (613 N/cm)
Adhesion to Steel	60 oz/in (6.6 N/cm)
Elongation	5%
Electrolytic Corrosion	1.0 Direct/ A, 1*
Flammability	BU 2*
Storage Stability	Good
Solvent Resistance	Good
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

