

51599

POLYESTER FILM / GLASS FILAMENT REINFORCED ELECTRICAL TAPE

INTERTAPE POLYMER GROUP® 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



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EFFECTIVE: 11/13

