

51597

POLYESTER FILM / GLASS FILAMENT REINFORCED ELECTRICAL TAPE

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

DESCRIPTION

#51597 has high tensile strength, conformable backing and aggressive adhesive for a large variety of insulating and holding applications. This tape is resistant to chemicals, solvents, and aging and offers a high dielectric strength and insulation resistance.

PRODUCT APPLICATIONS

Inter-layer insulation, coil outer wraps, tie-downs, lead insulation and protection. Also used on electrical motor and generator binding.

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 Filament
Backing Thickness	5.5 mil (0.140 mm)
Adhesive	Acrylic
Color	Transparent
Total Thickness	6.5 mil (0.165 mm)
Dielectric Strength	5000 Volts
Dielectric Constant	1.82
Temp/Class	155°C / F
Insulation Resistance	10 ⁴ megohms
Tensile Strength	250 lbs/in (438 N/cm)
Adhesion to Steel	40 oz/in (4.4 N/cm)
Elongation	5%
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



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EFFECTIVE: 10/13

