

51580

POLYESTER FILM / POLYESTER MAT ELECTRICAL TAPE

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

DESCRIPTION

This tape can be used for most applications, which require a combination of flexibility, high puncture resistance, and excellent electrical insulating properties and corrosion resistance. After thermosetting, the tape exhibits excellent resistance to solvents and chemicals.

PRODUCT APPLICATIONS

Coil and transformer wrapping, anchoring, harnessing, outer-wrap for 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/Mat
Backing Thickness	4.0 mil (0.101 mm)
Adhesive	Rubber Thermosetting
Color	Natural
Total Thickness	5.0 mil (0.127 mm)
Dielectric Strength	5000 Volts
Temp/Class	130°C / B
Insulation Resistance	10 ⁵ megohms
Tensile Strength	45 lbs/in (79 N/cm)
Adhesion to Steel	50 oz/in (5.5 N/cm)
Elongation	25%
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: 11/13

