

51594

POLYESTER FILM ELECTRICAL TAPE

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

DESCRIPTION

1.0 mil polyester backing with a thermosetting rubber adhesive system. The rubber adhesive system provides high initial adhesion and when thermoset exhibits good chemical and solvent resistance. The backing provides conformability, abrasion and puncture resistance and excellent insulating properties.

PRODUCT APPLICATIONS

Coil wrapping, interlayer insulation, and tabbing. It is especially user friendly on fine gauge magnet wire.

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
Backing Thickness	1.0 mil (0.025 mm)
Adhesive	Rubber Thermosetting
Color	Lemon Yellow
Total Thickness	2.0 mil (0.051 mm)
Dielectric Strength	5000 Volts
Temp/Class	130°C / B
Insulation Resistance	10 ⁵ megohms
Tensile Strength	25 lbs/in (44 N/cm)
Adhesion to Steel	45 oz/in (4.9 N/cm)
Elongation	100%
Electrolytic Corrosion	1.0 Direct/ A, 1*
Flammability	BU 1*
Storage Stability	Very Good
Solvent Resistance	Very Good
Moisture Resistance	Excellent
UL File #	E20780

*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

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EFFECTIVE: 11/13

