

51595

POLYESTER FILM / POLYESTER NON-WOVEN ELECTRICAL TAPE

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

DESCRIPTION

The combination of polyester film and polyester non-woven materials can be used in a wide variety of electrical applications. Acrylic adhesive system combination of tear and puncture resistance, high tensile strength with elongation, and excellent dielectric strength.

PRODUCT APPLICATIONS

Ideal for high volume coil wrapping applications, ground and barrier insulation, outer protective wrap for bobbin applications, coil end insulation anchoring leads and terminal boards.

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 / Non-Woven
Backing Thickness	3.5 mil (0.089 mm)
Adhesive	Acrylic
Color	Black, Natural
Total Thickness	4.5 mil (0.114 mm)
Dielectric Strength	5000 Volts
Temp/Class	155°C / F
Insulation Resistance	10 ⁵ megohms
Tensile Strength	30 lbs/in (53 N/cm)
Adhesion to Steel	50 oz/in (5.5 N/cm)
Elongation	30%
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

