

4564

NON-WOVEN POLYESTER ELECTRICAL TAPE

INTERTAPE POLYMER GROUP® TECHNICAL DATA SHEET

DESCRIPTION

Porous non-woven polyester backing with a zone coated acrylic adhesive. The tape is free from corrosive substances and withstands impregnating varnishes and lacquers. The porous area without adhesive allows the impregnating fluids to pass through, avoiding air entrapment. The impregnated and cured tape provides a high insulating barrier.

PRODUCT APPLICATIONS

Used in coil wrapping, tabbing, anchoring, and for affixing glass fabrics during injection molding. The breakdown voltage will increase after being impregnated with varnish or lacquer. The insulation class will increase to that of the impregnation varnishes or lacquers after the part is cured.

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 Fleece
Backing Thickness	2.4 mil (0.061 mm)
Adhesive	Acrylic
Color	Natural
Total Thickness	6.5 mil (0.165 mm)
Dielectric Strength **	500 Volts
Temp/Class **	130°C / B
Insulation Resistance **	10 ⁶ megohms
Tensile Strength	17 lbs/in (30 N/cm)
Adhesion to Steel	32 oz/in (3.5 N/cm)
Elongation	35%
Electrolytic Corrosion	A, 1, 2 *
Flammability	BU 1
Storage Stability	Good
Solvent Resistance	Very Good
Moisture Resistance	Very Good
UL File #	E20780

*VDE 0340

**Application Properties – Before Impregnation



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EFFECTIVE: 11/13

