

PT.45

POLYESTER FILM / NON-WOVEN ELECTRICAL TAPE

General Description

180 micron Polyester film/Non-woven laminate coated on one side with aggressive thermosetting rubber adhesive. Intended for use in holding and insulation applications during transformer and motor manufacturing.

Features

- Excellent electrical properties and thermal resistance
- Puncture resistance
- Excellent solvents and chemical resistance when thermoset

Applications

- Ground and barrier insulation for electrical motors, generators, etc.
- Outer wrapping, tabbing, harnessing and anchoring leads for electrical transformers, coils, etc.

Technical Data

Property	Value
Product Type	Single coated
Backing Type	PET film/ Non woven
Adhesive Type	Thermosetting Rubber
Color	White
Backing Thickness	0,18 mm
Total Thickness	0,235 mm
Peel Adhesion at 180° On Steel	6.50 N/cm
Tensile Strength	45.00 N/cm
Rolling Ball Tack	< 10 cm
Elongation at Break	20%
Breakdown Voltage	5.00 kV
Thermal Class	130 (B)
Short Time Temperature Resistance	160 °C
Electrolytic Corrosion	1
Approvals	UL file No. E178430
Shelf Life	12 months
Standard Length	50 m
Standard Width	1280 mm



• International harmonized test methods: ASTM D-1000, PSTC, EN 60454-2.

All statements and information listed above regarding this product are typical values for general guidance, these data have not to be intended as conformity specification. These suggestions are based on tests we believe reliable, but are not guaranteed for accuracy and completeness. The user must test, evaluate and validate this product before the use, assuming risks and liability of such use. This document may be revised without prior notice. Suggested storage temperature is between 10°C and 30°C with 50% relative humidity.

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