

R.180

POLYESTER FILM / PAPER ELECTRICAL TAPE

General Description

160 micron Polyester film/Paper laminate coated on one side with a thermosetting rubber adhesive system. 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 / Paper
Adhesive Type	Thermosetting Rubber
Color	Cream
Backing Thickness	0,16 mm
Total Thickness	0,22 mm
Peel Adhesion at 180° On Steel	6.50 N/cm
Tensile Strength	70.00 N/cm
Rolling Ball Tack	< 10 cm
Elongation at Break	20%
Breakdown Voltage	8.00 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	1210 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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