

# RX.50

## NOMEX® PAPER / GLASS FILAMENTS TAPE

### General Description

125 micron Nomex® paper/glass filaments laminate coated on one side with a rubber thermosetting adhesive. Intended for high temperature electrical applications where high mechanical properties combined with thermal resistance are required.

### Features

- Very good thermal resistance and outstanding breakdown voltage
- High initial adhesion
- Good chemical resistance when thermoset

### Applications

- Phase insulation of electrical motors, generators, etc.
- Outer wrapping and anchoring of dry-type and cast-resin transformers, coils, etc.

### Technical Data

Property	Value
Product Type	Single coated
Adhesive Type	Thermosetting Rubber
Color	White
Backing Thickness	0,125 mm
Total Thickness	0,16 mm
Peel Adhesion at 180° On Steel	5.00 N/cm
Tensile Strength	80.00 N/cm
Rolling Ball Tack	< 10 cm
Elongation at Break	5%
Breakdown Voltage	2.50 kV
Thermal Class	155 (F)
Short Time Temperature Resistance	160 °C
Electrolytic Corrosion	1
Approvals	UL file No. E178430
Shelf Life	12 months
Standard Length	50 m
Standard Width	914 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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