

# X.51

## NOMEX® POLYARAMID PAPER TAPE

### General Description

50 micron Nomex® paper coated on one side with a rubber thermosetting adhesive system. Intended for high temperature electrical applications where a thin, strong and puncture resistant backing is required.

### Features

- Good thermal and puncture resistance
- High initial adhesion
- Good chemical resistance when thermoset

### Applications

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

### Technical Data

Property	Value
Product Type	Single coated
Backing Type	Nomex® paper
Adhesive Type	Thermosetting Rubber
Color	White
Backing Thickness	0,05 mm
Total Thickness	0,095 mm
Peel Adhesion at 180° On Steel	5.00 N/cm
Tensile Strength	35.00 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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