TECHNICAL DATA SHEET

X.50

NOMEX® POLYARAMID PAPER TAPE

Saint-Gobain Tape Solutions

North America | South America | Europe | Asia

For a full list of locations, please visit
tapesolutions.saint-gobain.com/contact-us

General Description

50 micron Nomex® paper coated on one side with an aggressive solvent resistance acrylic adhesive. Designed for high temperature electrical applications where a thin, strong and puncture resistant backing is required.

Features

- Good thermal and puncture resistance
- High chemical resistance

Applications

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

Technical Data

Property	Value
Product Type	Single coated
Backing Type	Nomex® paper
Adhesive Type	Pure acrylic
Color	White
Backing Thickness	0,05 mm
Total Thickness	0,1 mm
Peel Adhesion at 180° On Steel	5.50 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	180 °C
Electrolitic 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.

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

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