

GX.50

NOMEX® PAPER / GLASS CLOTH LAMINATE TAPE

General Description

110 micron Nomex® paper/Glass cloth laminate coated on one side with a rubber thermosetting adhesive system. Designed to hold down layer, barrier, ground insulation and all applications where high mechanical resistance combined with superior thermal class are required.

Features

- Outstanding thermal resistance
- High initial adhesion
- Good chemical resistance when thermoset

Applications

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

Technical Data

Property	Value
Product Type	Single coated
Backing Type	Nomex/Glass cloth
Adhesive Type	Thermosetting Rubber
Color	White
Backing Thickness	0,11 mm
Total Thickness	0,15 mm
Peel Adhesion at 180° On Steel	4.50 N/cm
Tensile Strength	160.00 N/cm
Rolling Ball Tack	< 10 cm
Elongation at Break	3%
Breakdown Voltage	3.50 kV
Thermal Class	155 (F)
Short Time Temperature Resistance	160 °C
Electrolitic Corrosion	1
Shelf Life	12 months
Standard Length	50 m
Standard Width	860 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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