Saint-Gobain / h-old® X51

Saint-Gobain / h-old® X51 is Nomex® paper coated on one side with a rubber thermosetting adhesive system.
Designed for high temperature electrical applications where a thin, strong and puncture resistant backing is required.

Nominal Values

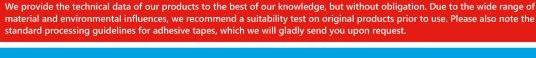|	
Backing	Nomex®
Backing Thickness	0,050 mm
Adhesive Type	Natural Rubber, thermosetting
Total Thickness	0,095 mm
Insulation Class	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
Color	White (08)
Adhesion to Steel	12,50 N/25 mm
Tensile Strength	87,50 N/25 mm
Elongation at Break	5%
Dielectric Strength	2500 V
Electrolytic Corrosion	1
Rolling Ball Tack	< 10 cm
Temperature Resistance	+160°C, (short-term)
UL-File #	E178430
Length	50 m, other lengths upon request
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 914 mm, other widths upon request
Storage Life	The material can be stored at room temperature for at least 12 months.
Effective	29 March 2021

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Applications

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

Benefits

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

Storage Conditions

The Rolls should be stored in their packaging protected from light and at a temperature between 15°C to 24°C, with a relative humidity of 50% +/- 30%. When using an adhesive tape stored below 15°C, it is advisable to keep the tape at room temperature for 24 hours to preserve its characteristics.

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