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

We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of material and environmental influences, we recommend a suitability test on original products prior to use. Please also note the standard processing guidelines for adhesive tapes, which we will gladly send you upon request.

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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.

Print Date: 22.11.2026

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