

# **Technical Product Data Sheet**

## 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 (N/25mm) 12,50 N/25 mm

> **Tensile Strength** 87,50 N/25 mm

**Elongation at Break** 5%

**Breakdown Voltage (Veff VDE 0303)** 2500 V

**Electrolytic Corrosion** 

**Rolling Ball Tack** < 10 cm

**Temperature Resistance** 160°C, (short-term)

> **UL-File Number** E178430

> > Length 50 m, other lengths upon request

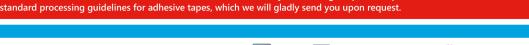
6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 914 Width

mm, other widths upon request

**Storage Life** The material can be stored at room temperature for at least 12 months.

**Effective** 29 March 2021





DE-79227 Schallstadt



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











# **Technical Product Data Sheet**

# Saint-Gobain / h-old® X51



## **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: 23.04.2024







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







