

# **Technical Product Data Sheet**

# Saint-Gobain / h-old® RX50



Saint-Gobain / h-old® RX50 is a Nomex® / Glass Filament laminate coated on one side with a rubber thermosetting adhesive. Designed for high temperature electrical applications where high mechanical properies combined with thermal resistance are required.

## **Nominal Values**

**Backing** Nomex® Laminate, Nomex®, Glass Filament

**Backing Thickness** 0,125 mm

**Adhesive Type** Natural Rubber, thermosetting

**Total Thickness** 0,160 mm

**Insulation Class** F 155°C (DIN EN 60085, OANZ2 & OANZ8)

Color White (08)

Adhesion to Steel | 12,50 N/25 mm

**Tensile Strength** 200,00 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 and anchoring of dry-type and cast-resin transformers, coils, etc

#### **Benefits**

- Very good thermal resistance and outstanding breakdown voltage
- 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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We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of









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