

# **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** Glass Filament, Nomex® Laminate, Nomex®

**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 (N/25mm) | 12,50 N/25 mm

**Tensile Strength** 200,00 N/25 mm

**Elongation at Break** 5%

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

**Electrolytic Corrosion** 1

Rolling Ball Tack | < 10 cm

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

**UL-File Number** | 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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standard processing guidelines for adhesive tapes, which we will gladly send you upon request.

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







