

# **Technical Product Data Sheet**

## Saint-Gobain / h-old® K50



Saint-Gobain / h-old® K50 is a Teonex® film coated on one side with high-temperature silicone adhesive. Designed for high temperature electrical applications where a thin, strong backing combined with excellent dielectrical properties are required.

### **Nominal Values**

**Backing** | Teonex® Film

**Backing Thickness** 0,050 mm

Adhesive Type | Silicone

**Total Thickness** 0,080 mm

**Insulation Class** H 180°C (DIN EN 60085, OANZ2 & OANZ8)

**Color** Red (19), Clear (00), Blue (11), Clear (00) und Blue (11) by request

**Adhesion to Steel** 6,25 N/25 mm

**Tensile Strength** 225,00 N/25 mm

**Elongation at Break** 60%

**Dielectric Strength** 8000 V

**Electrolytic Corrosion** 1

**Rolling Ball Tack** < 10 cm

**Temperature Resistance** +240°C, (short-term)

**UL-File #** | E178430

**Length** 66 m, other lengths upon request

**Width** 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1000

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



# **Technical Product Data Sheet**

# Saint-Gobain / h-old® K50



## **Applications**

- Insulation of bobbins, coils, transformers, motors, capacitors, etc.
- Cable and copper wire manufacturers

#### **Benefits**

- High temperature resistance
- Good adhesion on difficult substrates
- Good chemical and solvent resistance

### **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: 17.11.2025





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









Fax: