

## 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

<b>Backing</b>	Teonex® Film
<b>Backing Thickness</b>	0,050 mm
<b>Adhesive Type</b>	Silicone
<b>Total Thickness</b>	0,080 mm
<b>Insulation Class</b>	H 180°C (DIN EN 60085, OANZ2 & OANZ8)
<b>Color</b>	Red (19), Clear (00), Blue (11), Clear (00) und Blue (11) by request
<b>Adhesion to Steel</b>	6,25 N/25 mm
<b>Tensile Strength</b>	225,00 N/25 mm
<b>Elongation at Break</b>	60%
<b>Dielectric Strength</b>	8000 V
<b>Electrolytic Corrosion</b>	1
<b>Rolling Ball Tack</b>	< 10 cm
<b>Temperature Resistance</b>	+240°C, (short-term)
<b>UL-File #</b>	E178430
<b>Length</b>	66 m, other lengths upon request
<b>Width</b>	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1000 mm, other widths upon request
<b>Storage Life</b>	The material can be stored at room temperature for at least 12 months.
<b>Effective</b>	29 March 2021

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## 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: 16.01.2026