



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

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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.

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