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

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 standard processing guidelines for adhesive tapes, which we will gladly send you upon request.

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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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