Saint-Gobain / h-old® H20



Saint-Gobain / h-old® H20 is a Kapton® film coated on one side with high quality pressure sensitive silicone adhesive. Designed for high temperature electrical applications where a thin, conformable backing combined with excellent dielectrical properties are required. NuClear (00) radiations resistant. Flame retardant UL 510.

Nominal Values

Backing	Kapton® Film, Polyimide Film
Backing Thickness	0,025 mm
Adhesive Type	Silicone
Total Thickness	0,060 mm
Insulation Class	H 180°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Brown (79), Green (37), (Green by request -not UL-listed)
Adhesion to Steel	5,75 N/25 mm
Tensile Strength	112,50 N/25 mm
Elongation at Break	35%
Dielectric Strength	6500 V
Electrolytic Corrosion	1
Rolling Ball Tack	< 10 cm
Temperature Resistance	+260°C, (short-term)
UL-File #	E178430
Length	33 m, other lengths upon request
Width	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 660 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, transformers, motors, capacitors, wire harnesses
- Printed circuit board assembly
- High temperature masking operations

Benefits

- Very high temperature resistance
- Flame retardant UL 510
- 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: 10.11.2026

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