

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

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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: 22.01.2026