

Technical Product Data Sheet

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















DE-79227 Schallstadt



Technical Product Data Sheet

Saint-Gobain / h-old® H20



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: 21.11.2025













DE-79227 Schallstadt