

Saint-Gobain / h-old® 70AC



Saint-Gobain / h-old® 70AC is a polyimide film coated on one side with an aggressive solvent-resistance acrylic adhesive that offers superior adhesion levels to most surfaces. Designed for high temperature electrical applications where a thin backing combined with excellent dielectrical properties are required.

Nominal Values

Backing	Polyimide Film
Backing Thickness	0,025 mm
Adhesive Type	Acrylic
Total Thickness	0,060 mm
Insulation Class	F 155°C (DIN EN 60085, OANZ2 & OANZ8)
Color	Brown (79), Green (37), Green (37) by request -not UL-listed
Adhesion to Steel	10,00 N/25 mm
Tensile Strength	100,00 N/25 mm
Elongation at Break	35%
Dielectric Strength	6000 V
Electrolytic Corrosion	1
Rolling Ball Tack	< 10 cm
Temperature Resistance	+180°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, 640 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
- Cable industry

Benefits

- High temperature resistance
- Thin and conformable
- 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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