

Technical Product Data Sheet

Saint-Gobain / h-old® PT20-20



Saint-Gobain / h-old® PT20-20 is a PET Film/Non-woven laminate coated on one side with aggressive acrylic adhesive. It is designed for the use in holding and insulation applications during tranformer, motor and coil manufacturing.

Nominal Values

Backing PET Laminate, PET Film / Non-Woven

Backing Thickness 0,098 mm

Adhesive Type Acrylic

Total Thickness 0,160 mm

Insulation Class F 155°C (DIN EN 60085, OANZ2 & OANZ8)

Color Clear (00)

Adhesion to Steel 20,00 N/25 mm, 7,50 N/25 mm (90°)

Tensile Strength 75,00 N/25 mm

Elongation at Break 45%

Dielectric Strength 4800 V

Electrolytic Corrosion 1

Rolling Ball Tack < 5 cm

Temperature Resistance +180°C, (short-term)

UL-File # E178430

Length 50 m, other lengths upon request

Width 6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1280

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

- Ground and barrier insulation for electrical motors, generators, etc.
- Outer wrapping, tabbing, harnessing and anchoring leads for electrical transformers, coils, etc.

Benefits

- Excellent electrical properties and good thermal resistance
- Puncture resistance
- Excellent solvents and chemical 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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