

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

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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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