

Saint-Gobain / h-old® PT45



Saint-Gobain / h-old® PT45 is a PET Film/Non-woven laminate coated on one side with aggressive thermosetting rubber adhesive. Designed for use in holding and insulation applications during transformer and motor manufacturing.

Nominal Values

Backing	PET Laminate, PET Film / Non-Woven
Backing Thickness	0,180 mm
Adhesive Type	Natural Rubber, thermosetting
Total Thickness	0,235 mm
Insulation Class	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
Color	White (08)
Adhesion to Steel	16,25 N/25 mm
Tensile Strength	112,50 N/25 mm
Elongation at Break	20%
Dielectric Strength	5000 V
Electrolytic Corrosion	1
Rolling Ball Tack	< 10 cm
Temperature Resistance	+160°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

- Holding and insulation applications during transformer and motor manufacturing
- Ground and barrier insulation for electrical motors, generators, etc.
- Outer wrapping, tabbing, harnessing and anchoring leads for electrical transformers, coils, etc.

Benefits

- Good adhesion and excellent tensile strength
- Very high breakdown voltage
- Good chemical and solvent resistance when thermoset

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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