

Technical Product Data Sheet

Saint-Gobain / h-old® R180



Saint-Gobain / h-old® R180 is a PET Film/Paper laminate coated on one side with with a thermosetting rubber adhesive system. Designed for use in holding and insulation applications during transformer and motor manufacturing.

Nominal Values

Backing PET Laminate, PET Film / Paper

Backing Thickness 0,160 mm

Adhesive Type Natural Rubber, thermosetting

Total Thickness 0,220 mm

Insulation Class B 130°C (DIN EN 60085, OANZ2 & OANZ8)

Color White (08)

Adhesion to Steel 16,25 N/25 mm

Tensile Strength 175,00 N/25 mm

Elongation at Break 20%

Dielectric Strength 8000 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, 1210

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



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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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