

Saint-Gobain / h-old® R180



Saint-Gobain / h-old® R180 is a PET Film/Paper laminate coated on one side 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 |

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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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