

# 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

<b>Backing</b>	PET Laminate, PET Film / Paper
<b>Backing Thickness</b>	0,160 mm
<b>Adhesive Type</b>	Natural Rubber, thermosetting
<b>Total Thickness</b>	0,220 mm
<b>Insulation Class</b>	B 130°C (DIN EN 60085, OANZ2 & OANZ8)
<b>Color</b>	White (08)
<b>Adhesion to Steel (N/25mm)</b>	16,25 N/25 mm
<b>Tensile Strength</b>	175,00 N/25 mm
<b>Elongation at Break</b>	20%
<b>Breakdown Voltage (Veff VDE 0303)</b>	8000 V
<b>Electrolytic Corrosion</b>	1
<b>Rolling Ball Tack</b>	< 10 cm
<b>Temperature Resistance</b>	160°C, (short-term)
<b>UL-File Number</b>	E178430
<b>Length</b>	50 m, other lengths upon request
<b>Width</b>	6 mm, 9 mm, 12 mm, 15 mm, 19 mm, 25 mm, 30 mm, 38 mm, 50 mm, 1210 mm, other widths upon request
<b>Storage Life</b>	The material can be stored at room temperature for at least 12 months.
<b>Effective</b>	29 March 2021

## Saint-Gobain / h-old® R180



### 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.

Print Date: 26.04.2024