

# **Technical Product Data Sheet**

## 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













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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We provide the technical data of our products to the best of our knowledge, but without obligation. Due to the wide range of material and environmental influences, we recommend a suitability test on original products prior to use. Please also note the







