

Technical Product Data Sheet

Saint-Gobain / h-old® PX50



Saint-Gobain / h-old® PX50 is a PET Film / Nomex® laminate coated on one side with a rubber thermosetting adhesive. Designed for high temperature electrical applications where a thin and puncture resistant backing is required.

Nominal Values

Backing PET Laminate, PET Film / Nomex®

Backing Thickness 0,090 mm

Adhesive Type Natural Rubber, thermosetting

Total Thickness 0,135 mm

Insulation Class F 155°C (DIN EN 60085, OANZ2 & OANZ8)

Color White (08)

Adhesion to Steel | 13,75 N/25 mm

Tensile Strength 162,50 N/25 mm

Elongation at Break 10%

Dielectric Strength 7000 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, 914

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



Technical Product Data Sheet

Saint-Gobain / h-old® PX50



Applications

- Phase insulation of electrical motors, generators, etc.
- Outer wrapping, tabbing and anchoring leads of electrical transformers, coils, etc

Benefits

- Very good thermal resistance and outstanding breakdown voltage
- High initial adhesion
- Good chemical 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: 21.11.2025





DE-79227 Schallstadt



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







