

# PR.25

## POLYESTER FILM/GLASS FILAMENT ELECTRICAL INSULATING TAPE

### General Description

85 micron glass filament reinforced polyester film coated on one side with a rubber thermosetting adhesive system. Intended for holding applications where a high tensile strength, good initial tack and thermal resistance is required.

### Features

- Good thermal and puncture resistance
- High chemical resistance when thermoset

### Applications

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

### Technical Data

Property	Value
Product Type	Single coated
Backing Type	PET film / Glass Fibre
Adhesive Type	Thermosetting Rubber
Color	White
Backing Thickness	0,085 mm
Total Thickness	0,12 mm
Peel Adhesion at 180° On Steel	3.50 N/cm
Peel Adhesion at 90° On Steel	2.50 N/cm
Tensile Strength	380.00 N/cm
Rolling Ball Tack	< 10 cm
Elongation at Break	5%
Breakdown Voltage	5.00 kV
Thermal Class	130 (B)
Short Time Temperature Resistance	160 °C
Electrolytic Corrosion	1
Approvals	UL file No. E178430
Shelf Life	12 months
Standard Length	50 m
Standard Width	1200 mm



\* International harmonized test methods: ASTM D-1000, PSTC, EN 60454-2.

All statements and information listed above regarding this product are typical values for general guidance, these data have not to be intended as conformity specification. These suggestions are based on tests we believe reliable, but are not guaranteed for accuracy and completeness. The user must test, evaluate and validate this product before the use, assuming risks and liability of such use. This document may be revised without prior notice. Suggested storage temperature is between 10°C and 30°C with 50% relative humidity.

**IMPORTANT:** It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to misuse of the materials it provides arising out of the design, fabrication or application of the products into which the materials are incorporated.

**WARRANTY:** For a period of 12 months, Saint-Gobain warrants this product(s) to be free from defects in manufacturing. The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



#### TAPE SOLUTIONS

North America | South America  
Europe | Asia

For more information, please visit  
[tapesolutions.saint-gobain.com](http://tapesolutions.saint-gobain.com)