TECHNICAL DATA SHEET

6601

PAPER/GLASS FILAMENT ELECTRICAL INSULATING TAPE

Saint-Gobain® Performance Plastics Corporation, Tape Solutions business

General Description

Glass filaments reinforced paper coated on one side with a high quality acrylic adhesive system. Intended for oil filled transformer applications requiring a high tensile strength tape with excellent adhesion used for holding and securing paper layer insulation during coil winding. The porosity of the paper backing is beneficial for the absorption of oil which enhances the overall dielectric performance by minimizing unwanted air voids in the transformer winding.

Features

- Good thermal resistance and tensile strength
- Excellent resistance to solvents, oils and chemicals
- Great saturability

Applications

- Outer wrapping of electrical transformers, coils, etc.

Technical Data

Property	Value
Product Type	Single coated
Backing Type	Paper/glass fibre
Adhesive Type	Pure acrylic
Color	White
Backing Thickness	0,13 mm
Total Thickness	0,235 mm
Peel Adhesion at 180° On Steel	6.50 N/cm
Peel Adhesion at 90° On Steel	5.00 N/cm
Backing Adhesion	1.00 N/cm
Tensile Strength	400.00 N/cm
Elongation at Break	7%
Breakdown Voltage	2.60 kV
Thermal Class	130 (B)
Short Time Temperature Resistance	160 °C
Electrolitic Corrosion	1
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.

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