

6602

PAPER/GLASS FILAMENT ELECTRICAL INSULATING TAPE

General Description

Glass filament reinforced paper coated on one side with a high quality acrylic adhesive system. Intended for ester oil filled transformer applications requiring a high tensile strength with excellent adhesion used for holding and securing insulation layer 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 and chemicals
- Excellent resistance to mineral and ester oils (natural and synthetic)*
- Good impregnability

Applications

- Outer wrapping of electrical transformers, coils, etc.

Technical Data

Property	Value
Product Type	Single coated
Backing Type	Paper/glass fibre
Color	White
Adhesive	Pure acrylic
Backing Thickness	0,13 mm
Total Thickness	0,250 mm
Peel Adhesion at 90° On Steel	3,00 N/cm
Static Shear (1 kg, 25×25 mm, R.T.)	> 168 h
Tensile Strength	380 N/cm
Elongation at Break	6%
Breakdown Voltage	2600 V
Thermal Class	130 (B)
Short Time Temperature Resistance	160 °C
Shelf Life	12 months
Standard Length	50 m
Standard Width	1230 mm



*For more information about results, oil grades and reference methods, please contact our District Sales Managers.

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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