

70.AC

POLYIMIDE FILM TAPE



Saint-Gobain® Performance Plastics Corporation, Tape Solutions business

General Description

25 micron polyimide film coated on one side with an aggressive solvent-resistance acrylic adhesive that offers superior adhesion levels to most surfaces. Intended for high temperature electrical applications where a thin backing combined with exceptional dielectrical properties are required.

Features

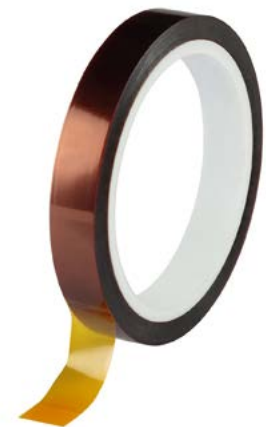
- High temperature resistance
- Thin and conformable
- Good chemical and solvent resistance

Applications

- Insulation of bobbins, transformers, motors, capacitors, wire harnesses
- Cable industry

Technical Data

Property	Value
Product Type	Single coated
Backing Type	PI film
Adhesive Type	Pure acrylic
Color	Brown
Backing Thickness	0,025 mm
Total Thickness	0,06 mm
Peel Adhesion at 180° On Steel	4.00 N/cm
Tensile Strength	40.00 N/cm
Rolling Ball Tack	< 10 cm
Elongation at Break	35%
Breakdown Voltage	6.00 kV
Thermal Class	155 (F)
Short Time Temperature Resistance	180 °C
Electrolitic Corrosion	1
Approvals	UL file No. E178430
Shelf Life	12 months
Standard Length	33 m
Standard Width	640 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.

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