

660

POLYIMIDE FILM TAPE



Saint-Gobain® Performance Plastics
Corporation, Tape Solutions business

General Description

50 micron polyimide film coated on one side with high quality pressure sensitive silicone adhesive. Intended for high temperature electrical applications where outstanding dielectrical and mechanical properties are required.

Features

- Very high temperature resistance
- Flame retardant UL 510
- Good chemical and solvent resistance

Applications

- Insulation of bobbins, transformers, motors, capacitors, wire harnesses
- Printed circuit board assembly

Technical Data

Property	Value
Product Type	Single coated
Backing Type	PI film
Adhesive Type	Silicone
Color	Brown
Backing Thickness	0,05 mm
Total Thickness	0,085 mm
Peel Adhesion at 180° On Steel	2.50 N/cm
Tensile Strength	75.00 N/cm
Rolling Ball Tack	< 10 cm
Elongation at Break	35%
Breakdown Voltage	10.00 kV
Thermal Class	180 (H)
Short Time Temperature Resistance	260 °C
Flame Retardancy	Yes (UL 510)
Electrolytic Corrosion	1
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.

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