

H.20/AC

KAPTON® POLYIMIDE FILM TAPE



Saint-Gobain Tape Solutions

North America | South America | Europe | Asia

For a full list of locations, please visit tapesolutions.saint-gobain.com/contact-us

General Description

25 micron Kapton® film coated on one side with aggressive pressure sensitive acrylic adhesive. Designed for high temperature electrical applications where a thin, conformable backing combined with excellent dielectrical properties is required.

Features

- High temperature resistance
- Good chemical and solvent resistance
- Nuclear radiations resistant

Applications

- Insulation of bobbins, transformers, motors, Li-ion batteries, capacitors, wire harnesses

Technical Data

Property	Value
Product Type	Single coated
Backing Type	Kapton® 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	45.00 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
Electrolytic Corrosion	1
Shelf Life	12 months
Standard Length	33 m
Standard Width	660 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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