

H.220

DOUBLE COATED KAPTON® POLYIMIDE FILM TAPE

General Description

25 micron Kapton® film coated on both sides with high quality pressure sensitive silicone adhesive and protected by fluorosiliconized polyester liner. Intended for high temperature electrical and electronics applications where a thin, conformable backing combined with excellent dielectrical properties is required. Nuclear radiations resistant.

Features

- Very high temperature resistance
- Good chemical and solvent resistance

Applications

- Insulation of bobbins, transformers, motors, capacitors
- Printed circuits board assembly
- Flexible circuits

Technical Data

Property	Value
Product Type	Double coated
Backing Type	Kapton® film
Adhesive Type	Silicone
Color	Brown
Backing Thickness	0,025 mm
Total Thickness	0,1 mm
Peel Adhesion at 180° On Steel	2.70 N/cm
Tensile Strength	45.00 N/cm
Rolling Ball Tack	< 10 cm
Static Shear	24 hrs
Elongation at Break	35%
Breakdown Voltage	7.20 kV
Thermal Class	180 (H)
Short Time Temperature Resistance	260 °C
Flame Retardancy	Yes (UL 510)
Electrolytic Corrosion	1
Shelf Life	6 months
Standard Length	33 m
Standard Width	1000 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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