

H.205

Kapton® Polyimide Film Tape

General Description:

25 micron Kapton® film coated on one side with a pressure sensitive silicone adhesive and protected by fluoro-siliconized polyester film. Designed for high temperature electrical applications where a thin, conformable backing combined with excellent dielectrical properties are required. Nuclear radiations resistant.

Product Features And Applications:

- Very high temperature resistance
- Good chemical and solvent resistance
- Insulation of bobbins, transformers, motors, capacitors, wire harnesses
- Printed circuit board assembly
- High temperature masking operations



Technical data sheet

PRODUCT TYPE	Single coated
BACKING TYPE	Kapton® film
ADHESIVE TYPE	Silicone
COLOR	Brown
LINER TYPE	Siliconized paper / Fluorinated PET film
LINER COLOR	Clear
BACKING THICKNESS	25 µm
TOTAL THICKNESS	60 µm
PEEL ADHESION AT 180° ON STEEL	2.30 N/cm
ROLLING BALL TACK	< 10 cm
TENSILE STRENGTH	45.00 N/cm
ELONGATION AT BREAK	35 %
BREAKDOWN VOLTAGE	6.50 kV
THERMAL CLASS	180 (H)
SHORT TIME TEMPERATURE RESISTANCE	260 °C
FLAME RETARDANCY	Yes (UL 510)
SHELF LIFE	6 months
STANDARD LENGTH	33 m
STANDARD WIDTH	1000 mm

Flame retardancy (UL 510) based on internal method.

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, the user who downloaded it will automatically be informed of any future revisions. Suggested storage temperature is between 10°C and 30°C with 50% relative humidity.