

Kapton adhesive tape, thickness 0.05mm, 33m

Reference: AM0126
EAN13: -
HS code: 39191080



Product attributes:

Width: 5 mm, 6 mm, 8 mm, 10 mm, 12 mm, 15 mm, 20 mm, 25 mm, 30 mm, 40 mm, 50 mm, 60 mm, 70 mm, 80 mm, 100 mm

Product features:

Length: 33 m
Color: Brown
Thickness: 0,05 mm

Product description:

Kapton (polyimide) tape is a heat-resistant insulating tape designed for masking, fixing and electrical insulation in electronics and electrical engineering. Thanks to the polyimide carrier and silicone adhesive, it is suitable for applications with higher temperature loads, where material stability and reliable adhesion are required.

Technical specifications

- Carrier material: polyimide (Kapton)
- Glue type: silicone
- Thickness: 0.05mm
- Winding: 33 m
- Width: according to variant (other widths available on request)
- Tensile strength: 98–128 N/25 mm
- Elongation at break: 60%
- Adhesion to steel: 4.9–6 N/25 mm
- Dielectric strength: 6 kV
- Temperature resistance (long-term): up to 260 °C
- Temperature resistance (short term): up to 300 °C

Functions and features

- High temperature stability of polyimide film over a wide temperature range
- Electrical insulation for wires, connections and sensitive electronic parts
- Silicone adhesive for reliable adhesion on common technical surfaces
- Suitable for masking during processes with thermal stress (e.g. soldering, furnace passage)
- Resistance to common chemicals, oils and solvents

Ideal for

- Masking and protecting printed circuit boards during soldering and rework
- Insulation of windings, transformers, coils and motors
- Fixing and bundling wires in places with higher temperatures
- Protection of sensitive electronic parts during manufacturing and service operations

Package contents

- 1x roll of Kapton (polyimide) tape, thickness 0.05 mm, length 33 m

Why choose this product?

- Combination of polyimide carrier and silicone adhesive for temperature-sensitive applications
- Defined mechanical parameters (tensile strength, elongation) for technical use
- Dielectric strength of 6 kV for insulation applications in electronics and electrical engineering
- Suitable for processes with long-term heating up to 260 °C and short-term heating up to 300 °C

Installation and operating instructions

- Before application, clean the surface from dust, grease and flux residues to achieve stable adhesion.
 - Press the tape over the entire surface, especially on the edges and in places with a smaller bending radius.
 - When used in temperature-stressed processes, verify compatibility with the specific surface and chemicals in the
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process.

Safety notice

- The tape is an insulating material and does not replace the design elements of the electrical safety of the device.
- When working near live parts, follow appropriate safety procedures and standards for the voltage and environment.

