



Technical Datasheet

1 Mil Kapton Tape RoHS Compliant KPT Series

Kapton Tape is made from DuPont Kapton® Polyimide film with silicon adhesive. It has been used in applications at temperatures as low as -73°C (-99°F) and as high as 260°C (500°F).

Features:

- Thin and conformable enabling masking of uneven surfaces
- Wide operating temperature range up to 500°F
- Removes cleanly without adhesive residue after exposure to heat
- High performance silicone adhesive
- High strength backing provides superior resistance to puncture and tear
- Resistance to chemical attack

APPLICATIONS: 3D Printing, Aerospace Assembly, Automotive Facilities, Electronic Assembly, Fiber Optics Manufacturing, and Solar Panels.

TYPICAL PHYSICAL PROPERTIES ⁽¹⁾

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|-------------------------------------|--------------------------------|
| Color | Amber |
| Adhesion Type | Silicone |
| Film Thickness | 1 Mil |
| Adhesive Thickness | 1.5 Mil |
| Total Thickness | 2.5 Mil |
| Tensile Strength | 30 lbs./in. |
| Elongation | 40 % |
| Dielectric Strength | 7,000 volts |
| Operating Temperature | -73°C (-99°F) to 260°C (500°F) |
| Resistance to acids, oils, solvents | Excellent |
| Length | 36 Yards |

Kapton® is a trademark of Dupont

⁽¹⁾ Specifications are subject to change at any time. If you have any questions, please contact us for the latest update.

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