



## Technical Datasheet

### 5 Mil Kapton Tape RoHS Compliant KPT5 Series

Kapton Tape is made from DuPont Kapton® HN 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, Oil and LNG Facilities, and Solar Panels.

#### TYPICAL PHYSICAL PROPERTIES <sup>(1)</sup>

Color	Amber
Adhesion Type	Silicone
Film Thickness	5 Mil
Adhesive Thickness	1.5 Mil
Total Thickness	6.5 Mil
Tensile Strength	95 lbs./in.
Elongation	50 %
Dielectric Strength	19,000 volts
Operating Temperature	-73°C (-99°F) - 260°C (500°F)
Resistance to acids, oils, solvents	Excellent
Length	36 Yards

*Kapton® is a trademark of Dupont*

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

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