

# KaptonTape.com

## Technical Datasheet

2 Mil Kapton Tapes  
RoHS Compliant

### Description:

Kapton Tapes are made from DuPont Kapton® HN general purpose film with silicon adhesive. Kapton® HN film is the recommended choice for applications that require an all-polyimide film with an excellent balance of properties over a wide range of temperatures.

### Product 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:

- High temperature masking
- Protection of circuit board gold finger contacts during wave solder
- Insulation on Transformers, Motors and Coils
- Fiber Optics Cables
- Solar Panels

Kapton® is a trademark of Dupont

Color	Amber
Adhesion Type	Silicone
Film Thickness	2 Mil
Adhesive Thickness	1.5 Mil
Total Thickness	3.5 Mil
Adhesion to Steel	25 oz//inch
Tensile Strength	50 (lbs/inch)
Elongation	>50 %
Dielectric Strength	11,000 volts
UL-94 Flammability Rating	V-0
Insulation Resistance	1,000,000 mega ohms
Electrolytic Corrosion Factor	1
Insulation Class, centigrade	180°C
Temperature Resistance	260°C (500°F)
Resistance to acids, oils, solvents	Excellent
Length	36 yards

Due to the variety of possible end-uses, it is ultimately the responsibility of the customer to determine a product's suitability for a particular application.