

# KaptonTape.com

## Technical Datasheet

### Low Static Kapton Tape RoHS Compliant

#### Description:

Low Static Kapton® Tape is made from DuPont™ Kapton® HN general purpose film backed by silicon adhesive with ESD additive to reduce static charge. It has been used in applications at temperatures as high as 260°C (500°F). Kapton® HN 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	1.2 Mil
Adhesive Thickness	1.5 Mil
Total Thickness	2.5 ± 5 Mil
Peel Strength	500 ± 100
Tensile Strength	20 lbs/in
Elongation	>50 %
Static Charge - Unwinding	50 V ↓
Static Charge – Peel Off	50 V ↓
Dielectric Strength	6,500
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.