

# 1 Mil Polyimide Tape—KPT



## Specification Sheet

### DESCRIPTION:

Our 1 mil Polyimide Tape is manufactured with a high temp silicone adhesive. Used for protection of printed circuit board during wave soldering, it is used in electrical insulation applications meeting class H requirements.

### MAIN PRODUCT FEATURES:

- Wide operating temperature range up to 500F
- Excellent dielectric strength
- Removes cleanly without adhesive residue after exposure to heat/chemical.
- Outstanding resistibility to the damage from impact or abrasion

### APPLICATION IDEAS:

- Used for coil insulating for generators, capacitors and transformers.
- Used for die-cut polyimide discs (dots)

### TECHNICAL DATA:

	<u>VALUE:</u>
Color	Amber
Adhesion Type	Silicone
Carrier	Polyimide Film
Carrier Thickness (mil/mm)	1 / 0.025
Total Thickness (mil/mm)	2.2 / 0.055
Adhesion to Steel (N/25mm)(g/25mm)/(oz/inch)	6 / 650 / 21
Tensile Strength: (N/25mm)(kg/25mm)/(lb/inch)	113 / 11.5 / 25
Elongation (%)	70
Dielectric Strength (kV)	6.5
Class of Insulation (°C)	H / 200
Heat Resistance (%)	225°C x 40 min—No Residue
Range of Temperature (°C/°F)	-73 ~ 260 / -100 ~ 500
Shelf Life	14 Months

**Note:** The above data should be considered representative only and should not be used for specification purposes.



### **Custom Fabricating & Supplies**

5500 West Oakwood Park Drive; Franklin, WI 53132

P: 414.421.2600 ~ T/F: 800.556.7188 ~ F: 414.421.2700

[www.customfabricate.com](http://www.customfabricate.com)

