



TapeCase Ltd.  
150 Gaylord Street  
Elk Grove Village, IL 60007  
phone: (847) 299-7880  
fax: (847) 299-7804  
www.tapecase.com  
sales@tapecase.com

# 1 mil Polyimide Tape

## B – Series

### General Description

---

This tape consisting of a polyimide film and silicone adhesive designed for high temperature masking applications.

### Applications

---

- Mask for protection of gold fingers of printed circuit board during wave solder or solder dip process
- Used for electrical insulation on transformers, motor, coils, PCB making and so on.

### Product Benefits

---

- Thin and conformable enabling masking of uneven surfaces
- Wide operating temperature range up to 500°F
- Excellent electrical insulation
- Removes cleanly without adhesive residue after exposure to heat/chemical

### Technical Data

---

TECHNICAL PROPERTIES	
Total Thickness	2.5 mil
Adhesive Thickness (silicone)	1.5 mil
Film Thickness (polyimide)	1.0 mil
Adhesive Color	Amber

ADHESIVE TEST DATA	
Adhesion to Steel	25 oz./inch
Break Strength	30 lbs./in
Dielectric Strength	6800 volts
Elongation	60%
Operating Temperature Range	-40°F to 500°F

**NOTE:**

1. When applying pressure sensitive adhesive films to any surface, be sure that the surface is free from oil or other surface contaminants such as powder, dust, or release agents. Adhesive performance should be carefully checked when used on substrates containing plasticizers.
2. Shelf life is one year from date of shipment when stored in a cool dry place below 76° F (24°C). Rolls should be stored on end.
3. The above values are "Typical Values" which have a nominal range about them and are not intended for specification purposes.