

## POLYIMIDE TAPE

PN: 1656-050

Electrical grade Polyimide with pre-cured pressure sensitive silicone adhesive film is designed to operate at elevated temperatures higher than polyester. This heat-stabilized film surpasses the dimensional stability of polyester.

- Ideal for wave soldering, insulating circuit boards, high temperature powder coating
- Has high dielectric strength
- Silicone adhesive protection without leaving any residue
- Temperature up to 500°F / 260°C for 30 minutes



Available sizes: ¼ , 3/8 , ½, 5/8, ¾, 1, 1 ¼ , 1 ½ and 2 Inches

Specification	Values
<b>General</b>	
Color Amber	Amber
Material	Polyimide Film
Adhesive	Silicon
Film thickness	1 mil
Total thickness	2.5 mil
Length	36 Yards or 33 Meters
<b>Physical Properties</b>	
Adhesion to steel	0.8-0.9 lbs/inch
Tensile strength	22-29 lbs/inch
Elongation at break (%)	≥ 40 %
<b>Electrical Resistivity</b>	
Dielectric Strength	6-7 KV
<b>Temperature Resistance</b>	
Temperature	500°F / 260°C
Resistance to: acids, oils, solvents Excellent	

Static Charge @ 50% R.H 70°F in ESD Controlled Environment

Important: While the information contained herein results from extensive testing on these materials and/or information supplied by other manufacturers, accuracy and reliability of such tests and information cannot be guaranteed, thus requiring limits on warranty. User assumes all liability regarding damage or loss arising from use of product. User shall determine the appropriateness of these materials for intended application and assumes total liability in the event of aforementioned damages.