



# TECHNICAL DATA SHEET

## Anti-Static Polyimide Tape

### Description

Anti-static treated polyimide backing and silicone adhesive offers outstanding thermal resistance and excellent electrical insulating properties. This tape is used where toughness, puncture resistance, extreme resistance to heat.

### Product Applications

Designed to minimize the effect of static during stripping and peeling. Mask for printed circuit board during wave solder or solder dip process. Used as release surface in fabrication of parts cured at elevated temperatures.

### Product Construction

<b>Backing</b>	<b>Adhesive</b>	<b>Liner</b>	<b>Color</b>
Anti-static Treated Polyimide Film	Silicone	None	

### Normal Values

The following data are nominal values based on PSTC, ASTM and other standard tests. The data should not be considered as specifications.

Backing Thickness	1 mil	ASTM D-3652	
Total Thickness	2.5 mil	ASTM D-3652	
Adhesion to Steel	25 oz/in	ASTM D-3330	Amber
Tensile Strength	30 lbs/in	ASTM D-3759	
Elongation	55%	ASTM D-3759	
Dielectric Strength	6500 volts	ASTM D-149	
Operating Temperature Range	-100°F to 500°F		
Static Charge: (Measured at 55%RH 70°F in an ESD controlled environment)	Removal from roll 150 volts Removal from PWB 50 volts		