



## ESD SAFE POLYIMIDE TAPE

**p/n : 12-10-ESD-**

Anti-static treated polyimide film with pressure sensitive silicone adhesive is designed to minimize the effect of static during stripping and peeling and provides optimal performance in electrical and thermal insulation.



Ideal for wave soldering, insulating circuit boards and where electrostatic discharge is a concern.

- Has high dielectric strength
- Highly resistant to heat and chemicals.
- Puncture and tear resistant at high temperatures.
- Silicone adhesive protection without leaving any residue
- Temperature up to 500°F / 260°C
- Less than <50 volts Removal from Roll

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

Specification	Values
<b>General</b>	
Color	Amber
Material	Anti-Static Polyimide Film
Adhesive	Silicon
Film thickness	1 mil or 0.025 mm
Total thickness	2.7 mil or 0.062 + mm
Length	36 Yards or 33 Meters
<b>Physical Properties</b>	
Adhesion to steel	0.8-0.9 lbs/inch or 0.35-0.4 kg/25mm
Tensile strength	28-32 lbs/inch or 14-16 kg/25mm
Elongation at break (%)	≥ 50 %
<b>Electrical Resistivity</b>	
Static Charge	<50 volts Removal from Roll
Dielectric Strength	6-7 KV
<b>Temperature Resistance</b>	
Temperature	500°F / 260°C
Resistance to: acids, oils, solvents Excellent	
<b>Standards and compliances</b>	
ANSI/ESD S541, ANSI/ESD S20.20 , IEC 61340	

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