



# Labels that Last

## 405 White Static Dissipative Polyimide

**Description:** This highly opaque thermal transfer preimidized polyimide is deemed STATIC SAFE in accordance to EIA 625 and EIA 541 Stds, using test methods EOS/ESD S11.11. The adhesive offers a highly reduced level of ESD (electrostatic discharge) when peeled from its liner, exhibiting less than 100 volts per square inch of electrostatic charge.

Designed for the PCB and other electronic component identification, it withstands surface mount processes and handles reflow and wave solder conditions on either the top or the bottom of boards. When printed with our special resin thermal transfer ribbons, the 405 Polyimide is extremely chemical and solvent resistant, meeting the durability requirements of MIL-STD-202F.

This product is suitable for print-and-apply systems. RoHS and WEEE Compliant.

**Recommended Printing Ribbons:** EIM T84/T85, T80/T81 Resins

	Face Stock	Adhesive	Liner
<b>Type</b>	Polyimide	Permanent Acrylic	Silicone Paper
<b>Color</b>	White	-	-
<b>Caliper</b>	2.7 mil	2.0 mil	2.8 mil
<b>Service Temp. Range</b>	-	-40° to 316°C (-40°F to 626°F) for 50 minutes on steel panel to 538°C (1000°F) for 5 seconds	-
<b>Surface Resistivity</b>	Label Surface: >10 <sup>7</sup> ohms		Adhesive Surface: 10 <sup>6</sup> ohms
<b>Peel Value</b>	<100 Volts		

	Temperature	Humidity	Shelf Life
<b>Recommended Storage Conditions</b>	80°F	60% R.H.	One Year

**NOTE:** Due to the variety of application conditions, Electronic Imaging Materials strongly encourages the end-user to do thorough testing of all label products under consideration to make sure they will meet the application requirements.