

P0106- Polyimide Tape

Description: Polyimide carrier coated with high grade, silicon, pressure sensitive adhesive.

Features: Excellent thermal, abrasion and chemical resistance while maintaining their flexibility. Silicon adhesive remove cleanly from many surfaces.

Application:

1. Heat Press
2. High temperature masking
3. Protecting of PCB in wave soldering and reflow soldering
4. Electrical insulation for transformer, motor, coils
5. Fiber optic cables
6. Galvanized and welding protection
7. All kind of insulation Die-cuts, Discs
8. Solar panel
9. Fiber optics cables

Typical Properties

<i>Properties</i>	<i>Unit</i>	<i>Values</i>	<i>Test Method</i>
<i>Thickness film total ± 5%</i>	<i>(mm)</i>	<i>0.025</i>	<i>PSTC-133</i>
<i>Thickness total total ± 5%</i>	<i>(mm)</i>	<i>0.06</i>	<i>PSTC-133</i>
<i>Tensile Strength MD</i>	<i>(N/in)</i>	<i>100-120</i>	<i>ASTM-D882</i>
<i>Elongation total ± 5%</i>	<i>(%)</i>	<i>55</i>	<i>ASTM-D882</i>
<i>Adhesion to steel</i>	<i>(N/in)</i>	<i>6.5-8</i>	<i>PSTC-101</i>
<i>Shear Resistance</i>	<i>(min)</i>	<i>150-170</i>	<i>PSTC-107</i>
<i>Heat Resistance</i>	<i>(°C)</i>	<i>-73 - +260</i>	<i>Internal Method</i>
<i>Width*</i>	<i>(mm)</i>	<i>12,25,48</i>	
<i>Length*</i>	<i>(mm)</i>	<i>33</i>	
<i>Core</i>	<i>(mm)</i>	<i>76 (3')</i>	
<i>Color</i>		<i>Amber\black</i>	

* other sizes upon request

Storage and Shelf Life:

One year from date received, when stored at 15-30°C (59 - 86°F), 50% relative humidity out of direct sunlight.

Surface Preparation before application:

The surface to which the tape is applied should be clean, dry, and free of grease and oil.

Warranty:

Data presented is the average results of analysis made on our standards production.

We recommend each user determine the suitability of the products for the intended use.