



Technical Data Sheet

S1406 Anti-Static Polyimide Silicone Tape

Description

S1406 masks printed circuit boards during the wave solder or solder dip process.

Features

This polyimide tape has an antistatic (ESD) coating with a surface resistance of 10^6 ohms. Although thin and conformable, it resists puncture and tearing, chemicals, and high temperatures. Also, the silicone adhesive removes without residue.

Physical Characteristics	Standard Values
Carrier	1 mil PI
Adhesive Type	Silicone
Adhesive Thickness	1.5 mil – 0.038 mm
180° Peel Adhesion to Stainless Steel	25 oz/in – 6.875 N/25mm
Tape Color	Amber
Liner	NA
Total Tape Thickness	2.5 mil – 0.063 mm
Temperature Resistance	392°F – 200°C
Static Charge– removal from roll	20 volts
Static Charge – removal from SUS	30 volts
Available Lengths	36 Yds

Tape Application

To achieve ultimate adhesion, the bonding surfaces should be dry, clean and free of dirt and oils. The strength of the adhesion bond is dependent on the amount of surface area directly contacting the adhesive. Firm pressure is recommended to obtain good adhesive to surface contact.

*Note: Values should be used for specification purposes and are averages taken from PSTC and ASTM test methods. The company does not warranty performance in specific applications. Since product performance may vary, each user should conduct their own test to determine the products fit for use in specific applications. The purchaser shall assume all risks and liabilities in connection therewith. Materials should be stored at 70°F (20°C) with 50% relative humidity. Champion Tape serves you better. Contact our team for qualified application support.

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