



Technical Data Sheet

S1400 1 mil Polyimide Silicone Tape

Description

S1400 is a polyimide tape with exceptional high temperature resistance, good electrical properties, and puncture and tear resistance even at high temperatures. This tape is excellent for powder coating, plating, and electrical use.

Features

The strong, durable, and stable polyimide backing is resistant to tearing and punctures. This tape is thin, conformable, and removes without adhesive residue. The silicone adhesive is not affected by chemicals or high temperatures.

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	500°F – 260°C
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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