



Technical Data Sheet

S1305 Low Tack High Temperature Tape

Description

S1305 has a 4 mil polyester backing which provides a high strength mask.

Features

This tape is resistant to puncture, tear, flow, and oozing, and it is removable without adhesive residue. Low tack silicone adhesive provides high temperature resistance when used as a pick and place carrier for printed circuit board assembly. This product bonds to low-energy surfaces as well.

Physical Characteristics	Standard Values
Carrier	4 mil PET
Adhesive Type	Silicone
Adhesive Thickness	1 mil – 0.026 mm
180° Peel Adhesion to Stainless Steel	10 oz/in – 2.8 N/25mm
Tape Color	Clear, Green or Red
Liner	NA
Total Tape Thickness	5.0 mil – 0.127 mm
Temperature	400°F – 204°C
Available Lengths	72 yards

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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