



Technical Data Sheet

S1000 High Temperature Polyester Silicone Tape

Description

S1000 is a single coated polyester high temperature silicone masking tape which bonds to the most difficult surfaces in high temperature environments. Commonly used as a Flash-breaker tape.

Features

The silicone adhesive provides top quality adhesion in high temperature applications. Durable polyester film is resistant to tearing and punctures, chemicals, flow, oozing, and slippage.

Physical Characteristics	Standard Values
Carrier	1 mil PET
Adhesive Type	Silicone
Adhesive Thickness	1.5 mil – 0.038 mm
180° Peel Adhesion to Stainless Steel	35 oz/in - 10 N/25mm
Tape Color	Green, Blue, Rust, Red, White, Clear
Liner	Available with or without
Total Tape Thickness	2.5 mil – 0.063mm
Temperature Resistance	-70° F to 510° F
Available Lengths	ANY - 72 YD std

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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