



## 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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