



Data Sheet
Dexnyl® PI SF Tape_33

Product Description

Polyimide film coated with one side silicone adhesive. Mainly used for PCB soldering masking and other temperature applications.



Main Features

The strong backing is stable and durable, providing heavy-duty protection. This tape is resistant to puncture, tearing, high temperature, chemicals and no adhesive residue when removed.

| Physical Characteristics | Standard Values | Testing Methods |
|-----------------------------|-------------------------------------|-----------------|
| Carrier | Polyimide film | |
| Adhesive Type | Silicone | |
| Film Thickness | 0.025mm ± 0.01mm | ASTM D-3652 |
| Total Tape Thickness | 0.055mm ± 0.005mm | ASTM D-3652 |
| Adhesion to Stainless Steel | 7 ± 2 N/25mm | ASTM D-3330 |
| Temperature Resistance | Long term (260°C) Short term(300°C) | |
| Color | Amber | Sight-seeing |
| Breakdown Voltage | ≥8KV | ASTM D-149 |
| Elongation | ≥35% | ASTM D-3579 |

*Note: values should be used for specification purposes and are averages taken from PSTC and ASTM test methods. BIEGLO 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 customer shall assume all risks and liabilities in connection therewith. Materials should be stored at 70°F (20°C) with 50% relative humidity. Contact BIEGLO's team for qualified application support.

Distributed by

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The specified values are established from average values of several tests and they correspond to our today's knowledge. They are only to be used as information about our products and as help for the material selection. With these values, we do not ensure specific properties, or the suitability for certain application. No warranty, representation, guarantee or legally binding product description is provided by publishing this informational data.

For information about divergent properties do not hesitate to contact us. On request we advise you regarding the most appropriate component design and the definition of material specifications more suitable to your application data. Notwithstanding, the customer bears all the responsibility for the thorough examination of suitability, efficiency, efficacy and safety of the chosen products in pharmaceutical applications, medical devices or other end uses. Status: Sept 2019