



Technical Data Sheet

#S1510 Silicone Coated PTFE Tape

Description

S1510 is a 10 mil “polytetrafluoroethylene” PTFE film backing with a silicone adhesive which provides electrical insulation for high temperature coils, capacitor, and wire harness.

Features

The silicone adhesive offers high tack and adhesion. This product also provides excellent heat resistance, high tensile grade, a conformable release surface, and anti-friction and anti-static properties.

| Physical Characteristics | Standard Values |
|---------------------------------------|---------------------------|
| Carrier | 10 mil PTFE Film |
| Adhesive Type | Silicone |
| Adhesive Thickness | 2 mil – .051 mm |
| 180° Peel Adhesion to Stainless Steel | 42 oz/in – 11.55 N/25mm |
| Tape Color | Dark Brown |
| Liner | Available with or without |
| Total Tape Thickness | 12 mil – 0.31 mm |
| Range of Temperature (°C/°F) | -73 to 260 / -100 to 500 |
| Class of Insulation (°C) | UL H / 180 |
| Available Lengths | 36yds / various |

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.