



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.