



Technical Data Sheet

S1610 Release-Coated Polyester Tape

Description

S1610 is a single-sided self-wound silicone release coated medium adhesion tape which is used as a removable carrier tape.

Features

This tape holds substrates firmly during die-cutting but removes without residue even after extended bonding periods. It is resistant to high temperatures, moisture, and long term UV rays, and it can be used as a carrier tape on non-adhesive films, non-adhesive foams, and silicone foam when die-cutting.

Physical Characteristics	Standard Values
Carrier	1.5 mil PET
Adhesive Type	Acrylic
Adhesive Thickness	0.5 mil – 0.013 mm
180° Peel Adhesion to Stainless Steel	25 oz/in – 6.8 N/25mm
Tape Color	Clear
Liner	NA
Total Tape Thickness	2.0 mil – 0.051 mm
Service Temperature (Long/Short Term)	300°F/400°F – 148°C/204°C
Available Lengths	60,72 yds

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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