



## Technical Data Sheet

### # S2005 Removable Carrier Processing Tape

#### Description

S2005 is a single-sided, self-wound, silicone release-coated, and low adhesion tape used as a removable carrier.

#### Features

This tape firmly holds substrates during die-cutting and removes without residue even after extended bonding periods. The PET backing protects against high temperatures, moisture, and long term UV.

<b>Physical Characteristics</b>	<b>Standard Values</b>
Carrier	1.5 mil PET
Adhesive Type	Acrylic
Adhesive Thickness	0.5 mils – 0.013 mm
180° Peel Adhesion to Stainless Steel	2.5 oz/in – 0.6825 N/25mm
Tape Color	Clear
Liner	NA
Total Tape Thickness	2.0 mil – 0.051 mm
Service Temperature (Short/Long Term)	400°F/300°F – 204°C/148°C
Available Lengths	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.

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