



Technical Data Sheet

D5910 Differential Silicone/Acrylic Tape

Description

D5910 is a double-coated tape with a permanent silicone adhesive on one side and a high performance silicone adhesive on the other side. This tape is used for bonding differential substrates.

Features

The silicone adhesive creates good adhesion to silicone hard coats and release liners. The acrylic adhesive side permanently bonds to high and low energy surfaces.

Physical Characteristics	Standard Values
Carrier	1 mil PET
Adhesive Type	Silicone/Acrylic
Adhesive Thickness (each side)	1.5 mil – 0.038 mm
180° Peel Adhesion to Stainless Steel	52/72 oz/in – 14/20 N/25mm
Tape Color	Clear
Liner	2 mil PET / 4 mil PET
Total Tape Thickness	4.0 mil – 0.102 mm
Service Temperature Range	-20°F to 250°F – -29°C to 121°C
Available Lengths	36 and 72 yards

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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