



Technical Data Sheet

D5590 Structural Grade Bonding Tape

Description

D5590 is a solvent-free, high bond, heavy mass, structural grade pressure sensitive adhesive tape on an extended liner.

Features

This tape replaces brush and gun applied adhesives because of its clean and easy application. It has an ultra aggressive PSA adhesive which provides excellent bonding strength. This product also remains flexible, is solvent-free, and does not require curing time.

Physical Characteristics	Standard Values
Carrier	1/64" thick Butyl
Adhesive Type	Butyl
Adhesive Thickness (each side)	NA
180° Peel Adhesion to Stainless Steel	702 oz/in – 195 N/25mm
Tape Color	Clear
Liner	NA
Total Tape Thickness	15.6 mil – 0.387 mm
Service Temperature Range	0 to 104°F – -18 to 40°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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