



Technical Data Sheet

D5850 Double-Coated Polyimide/Silicone Tape

Description

D5850 is a self-wound double-coated polyimide tape with a one-coated two-sided clear PET liner.

Features

Strong, durable, stable backing provides puncture and tear resistance. The polyimide film carrier is thin and conformable with good electrical properties. This tape is resistant to high temperatures and chemicals, and it is removable without adhesive residue.

Physical Characteristics	Standard Values
Carrier	1 mil PI
Adhesive Type	Silicone
Adhesive Thickness (each side)	1.5 mil – 0.038 mm
180° Peel Adhesion to Stainless Steel	35 oz/in – 9.5 N/25mm
Tape Color	Clear
Liner	1 mil PET C2S
Total Tape Thickness	4.0 mil – 0.10 mm
Temperature Resistance	500°F – 260°C
Available Lengths	36 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.

www.championtape.com
Phone 888-580-8588, 262-598-7400 Fax 262-598-7405
7900 Durand Ave. Bldg. 4, Sturtevant WI 53177