



Technical Data Sheet

D5800 Double-Coated Kapton/Silicone Tape

Description

D5800 is a 2 mil double-coated Kapton tape with a silicone adhesive.

Features

Strong, durable film provides excellent dielectric strength. Polyester release liners are on both sides for easy die-cutting. This tape is resistant to punctures, tearing, flame, high temperatures, chemicals, and radiation, and it is removable without leaving residue.

Physical Characteristics	Standard Values
Carrier	2 mil Kapton
Adhesive Type	Silicone
Adhesive Thickness (each side)	1.5 mil – 0.038 mm
180° Peel Adhesion to Stainless Steel	25 oz/in – 7 N/25mm
Tape Color	Amber
Liner	2 mils Polyester
Total Tape Thickness	3.5 mil – 0.089 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.

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