



Technical Data Sheet

S1405

Kapton* / Silicone Tape

Description

S1405 is a Kapton* tape that provides excellent dielectric strength and protection.

Features

A strong, durable, and stable backing allows this tape to resist puncture and tearing. Although thin and conformable, this tape also resists flame, chemicals, radiation, and high temperatures. It is also UL listed as well as removable without adhesive residue.

Physical Characteristics	Standard Values
Carrier	1 mil Kapton*
Adhesive Type	Silicone
Adhesive Thickness	1.5 mil – 0.038 mm
180° Peel Adhesion to Stainless Steel	25 oz/in – 6.875 N/25mm
Tape Color	Amber
Liner	NA
Total Tape Thickness	2.5 mil – 0.063 mm
Temperature Resistance	500°F – 260°C
Available Lengths	36 yds

*Kapton is a registered trademark of DuPont.

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