



## Technical Data Sheet

# # S1447 Crepe / Glass Cloth with Silicone

### Description

Champion S1447 is a high performance glass cloth with crepe paper and a high temperature silicone adhesive.

### Features

High temperature resistant silicone adhesive. Excellent flexibility yet durable, this product is an ideal masking tape for metalizing or spray coating. This product is used on circuit boards.

Physical Characteristics	Standard Values
Carrier	4 mil Glass Cloth with Crepe
Adhesive Type	Silicone
Adhesive Thickness	3.5 mil – 0.089 mm
180° Peel Adhesion to Stainless Steel	35 oz/in – 10 N/25mm
Tape Color	White
Liner	NA
Total Tape Thickness	7.50 mil – 10.75 mm
Dielectric Strength (KV)	3.6
Available Lengths	36/60/custom

### 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.