



Technical Data

S1450 Aluminum Foil Glass Cloth

Description

Champion S1450 is a high performance glass cloth with foil, coated with a high temperature silicone adhesive.

Features

High reflection of radiant heat. High temperature resistant silicone adhesive. Excellent flexibility yet, durable, this product is Ideal for plasma masking, and blasting, and any application that requires extreme heat.

Physical Characteristics	Standard Values
Carrier	5 mil Foil and Glass Cloth
Adhesive Type	Silicone
Adhesive Thickness	2.5 mil – 0.063 mm
180° Peel Adhesion to Stainless Steel	38 oz/in – 10.75 N/25mm
Tape Color	Silver
Liner	None
Total Tape Thickness	7.50 mil – 10.75 mm
Holding Power (PSTC-7) 1000g	>100 hrs
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.