



Technical Data Sheet

S1420 Glass Cloth Thermoset Rubber

Description

Champion S1420 is a high performance glass cloth, coated with a high temperature thermosetting rubber adhesive.

Features

High reflection of radiant heat. High temperature resistant rubber adhesive. Excellent flexibility, yet durable, this product is ideal for coil and motor applications. Resists solvents, flagging in environment with extreme heat.

Physical Characteristics	Standard Values
Carrier	4.6 mil Glass Cloth
Temperature	177 C/350 F
Adhesive Type and Thickness	Rubber 3 mils
180° Peel Adhesion to Stainless Steel	37 oz/in – 10.5 N/25mm
Tape Color	White and Black available
UL Class	UL B/ 130C
Total Tape Thickness	7.65 mil – 0.192 mm
Dielectric Strength KV	3.1
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.