



Technical Data Sheet

#S4550 Insulating Tape with Nomex

Description

This product was designed as an affordable alternative to P248, and 3M44. Product carries a UL Class B 130 C registration.

Features

Puncture resistance, with good flexibility to wrap coils. Solvent resistance, and high thermal rating and flame retardant. Ideal for coil wrapping capacitors, transformers, and electric motors.

Physical Characteristics	Standard Values
Carrier	2 mil Nomex Aramid Paper
Adhesive Type	Acrylic
Adhesive Thickness	1.6 mils – 0.041 mm
180° Peel Adhesion to Stainless Steel	42 oz/in – 11.55 N/25mm
Tape Color	White
Liner	NA
Total Tape Thickness	3.60 mil – 0.090 mm
Range of Temperature (°C/°F)	-29 to 177 – -20 to 350
Class of Insulation (°C)	UL F / 155
Available Lengths	36 yds / 45 yds / 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 warrant 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.