



Technical Data Sheet

#S4500

Electrical Insulating Tape

Description

This product was designed as an affordable alternative to P245, and 3M44. Product carries a UL Class B 130 C registration.

Features

Puncture resistance, with good flexibility to wrap coils, and insulate winding applications. Suitable for insulating, anchoring, bonding motors and transformers

Physical Characteristics	Standard Values
Carrier	3 mil PET Film + PET Nomex
Adhesive Type	Acrylic
Adhesive Thickness	2.60 mil – 0.067 mm
180° Peel Adhesion to Stainless Steel	53 oz/in – 14.82 N/25mm
Tape Color	Skin
Liner	NA
Total Tape Thickness	5.60 mil – 0.140 mm
Range of Temperature (°C/°F)	-29 to 177 – -20 to 350
Class of Insulation (°C)	UL B / 130
Available Lengths	Varies STD 120 yds

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.