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Surface Preparation

It is essential, as with all pressure-sensitive tapes, that the surface to which the tape is applied be clean, dry, and free of grease or oil.

Temperatures

Min Application Temp	50° F	10° C
Max Continuous Operating Temp	400° F	204° C
Max Intermittent Operating Temp	450° F	232° C

Storage and Shelf Life

One year when stored at 70°F (21°C) 50% RH out of direct

PRODUCT DESCRIPTION

Applications

Specially designed for use on nameplates, membrane touch switch assemblies and graphic overlays. Applications requiring good "holding power" under stress and load and environmental resistance.

Features

Unsupported, specially formulated acrylic adhesive
 Adhesive protected by a polyester liner
 Thick adhesive mass for good adhesion to high surface energy plastics
 Ease of die-cutting and liner removal
 UL 969 Recognition under File No. MH13584 (PGGU2 Category)
 UL 746C Recognition under File No. E328479 (QOQW2 Category)

Benefits

Excellent balance of properties to perform in demanding applications
 Excellent high temperature peel adhesion
 Chemical, solvent, heat, humidity and UV resistance
 Thick adhesive mass allows for improved bonding and gap filling
 Polyester liner provides easy processing

PRODUCT DATA

Product Construction

		Test Methods: PSTC-133	
Adhesive	Acrylic	US Mils	MM's
Liner	Polyester	5.0	0.13
	Total Construction	2.0	0.05
		7.0	0.18

Adhesive Properties

Peel Adhesion

2 mil PET 180° 12" / min 24 hr dwell Test Method(s): PSTC-101, ASTM D-3330, STD-10

<u>Substrate</u>	<u>Lbf / in</u>	<u>US Oz / in</u>	<u>N / Meter</u>
SS	3.7	59	643
Aluminum	2.7	42	464
Glass	3.1	50	543
Painted Metal	3.7	59	646
ABS	4.8	76	835

Loop Tack

2 mil PET 90° 20" / min 1" sq (6.5 cm2) Test Method(s): PSTC-16, STD-7

<u>Substrate</u>	<u>Lbf / in</u>	<u>US Oz / in</u>	<u>N / Meter</u>
SS	7.7	123	1348

SAFT

Foil 1" sq (6.5 cm2) 1000 g Test Method(s): PSTC-16, ASTM D 3654, STD-243

<u>Substrate</u>	<u>Fail Temp °F</u>
SS	> 400

Static Shear

Foil Static Shear 1" sq (6.5 cm2) 1000 g Test Method(s): PSTC-107, ASTM D 3654, STD-9

<u>Substrate</u>	<u>Min to Fail</u>
SS	> 10,000

400°F Static Shear

Foil Elevated Temp. Shear 24 hr dwell 1" sq (6.5 cm2) 1000 g

<u>Substrate</u>	<u>Min to Fail</u>
SS	>5000

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