

Double-Coated Polyester Tape



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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	200° F	93° C
Max Intermittent Operating Temp	250° F	121° C

Storage and Shelf Life

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

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PRODUCT DESCRIPTION

Applications

Designed for applications requiring quick stick and good adhesion to medium and high surface energy substrates.

Features

Polyester carrier
Specially formulated acrylic adhesive
Densified kraft release liner

Benefits

Excellent processing and die-cutting stability
Good adhesion and tack to medium to high surface energy substrates
Adhesive resists mild plasticizers and environmental exposures
Made in the USA

PRODUCT DATA

Product Construction

Test Methods: PSTC-133

		<u>US Mils</u>	<u>MM's</u>
Unwind Adhesive	Modified Acrylic	2.0	0.05
Carrier	Polyester	0.5	0.01
Liner Adhesive	Modified Acrylic	1.3	0.03
Liner	80 # Densified Kraft	4.6	0.12
	Total Construction	8.4	0.21

Adhesive Properties

Peel Adhesion

Test Method(s): PSTC-101, ASTM D-3330, STD-10

2 mil PET 180° 12" / min

<u>Substrate</u>	<u>Condition</u>	<u>Lbf / in</u>	<u>US Oz / in</u>	<u>N / Meter</u>
SS	Liner - Initial	4.2	67	735
	Liner - 24 hr dwell	5.0	80	876
ABS	Liner - Initial	5.0	79	868
	Liner - 24 hr dwell	5.9	94	1033
PP	Liner - Initial	3.3	53	578
	Liner - 24 hr dwell	5.7	92	1005
Talc PP	Liner - Initial	3.5	56	608
	Liner - 24 hr dwell	4.5	71	781
HDPE	Liner - Initial	2.6	41	454
	Liner - 24 hr dwell	2.5	39	429
TPO	Liner - Initial	4.0	64	702
	Liner - 24 hr dwell	5.3	84	921
Painted Metal	Liner - Initial	5.9	95	1035
	Liner - 24 hr dwell	5.4	86	939
Aluminum	Liner - Initial	4.1	66	725
	Liner - 24 hr dwell	4.4	71	776
Glass	Liner - Initial	6.1	98	1075
	Liner - 24 hr dwell	6.1	98	1068

Static Shear

Test Method(s): PSTC-107, ASTM D 3654, STD-9

Foil	1/2" sq (3.25 cm2)	1000 g	
<u>Substrate</u>	<u>Test Side</u>	<u>Min to Fail</u>	
SS	Liner	431	

SAFT

Test Method(s): ASTM D 3654, STD-243

Foil	1" sq (6.5 cm2)	1000 g	
<u>Substrate</u>	<u>Test Side</u>	<u>Fail Temp °F</u>	
SS	Liner	152° F	