



FT 8397

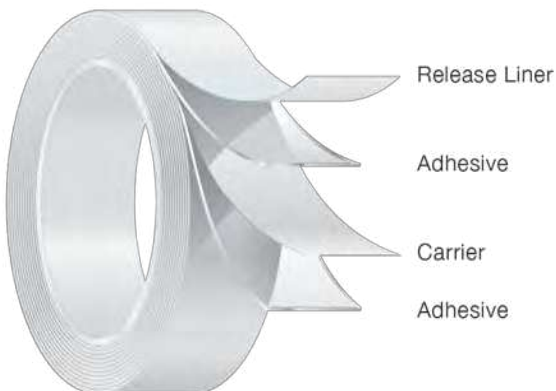
Designed for applications requiring quick stick and good adhesion to plastics and other low surface energy substrates

FEATURES:

- Polyester carrier
- Specially formulated acrylic adhesive
- Densified kraft release liner

BENEFITS:

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



CONSTRUCTION:

Liner:

Densified Kraft

Adhesive 1 Liner:

Modified Acrylic

Carrier:

Polyester

Adhesive 2 Uwind:

Modified Acrylic

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Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		3.6	0.09	91
Carrier & Adhesives:		2.7	0.07	69
Total Caliper:		6.3	0.16	160

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10			
2 mil PET 180° 12" min					
Substrate			Lbf / In	US Oz / In	N / Meter
SS	Liner	Initial	6.3	101	1103
	Unwind	Initial	6.8	109	1191
ABS	Liner	Initial	4.9	78	858
	Unwind	Initial	5.7	91	998
PP	Liner	Initial	5.6	90	981
	Unwind	Initial	5.2	83	911
Talc PP	Liner	Initial	3.3	53	578
	Unwind	Initial	3.4	54	595
HDPE	Liner	Initial	2.6	42	455
	Unwind	Initial	3.4	54	595
TPO	Liner	Initial	4.8	77	840
	Unwind	Initial	5.2	83	911
Painted Metal	Liner	Initial	3.9	62	683
	Unwind	Initial	4.2	67	735

LOOP TACK		Test Method(s): PSTC-16, STD-7			
2 mil PET 20" min					
Substrate			Lbf / In	US Oz / In	N / Meter
SS	Liner	Initial	9.0	144	1576
	Unwind	Initial	7.9	126	1383

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
2 mil PET 1" sq (6.5 cm2) 5.5 lbs (2.5 kg)				
Substrate			Min to Fail	
SS	Liner	Initial	> 150	
	Unwind	Initial	> 150	

SAFT		Test Method(s): PSTC-107, ASTM D 3654, STD-9			
Aluminum Foil 1" sq (6.5 cm2) 1000 g					
Substrate			Min to Fail	Fail Temp °F	Fail Temp °C
SS	Liner	Initial	104	156	69
	Unwind	Initial	104	156	69

TEMPERATURES		° F	° C
Min Application Temp		50 ° F	10 ° C
Max Continuous Operating Temp		200 ° F	93 ° C
Max Intermittent Operating Temp		250 ° F	121 ° C

THE LISTED VALUES ARE TYPICAL AND NOT INTENDED TO SERVE AS PRODUCT SPECIFICATIONS

APPLICATION TECHNIQUES

- 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
- Bond strength is dependent upon the amount of adhesive-to-surface contact developed
- Note that different pressure, time and temperature on different (film / rigid) surface achieves different performance

STORAGE / SHELF LIFE

- One year when stored at 64-72°F (18-22°C) / 30-70% relative humidity, out of direct sunlight and in original packaging.

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