



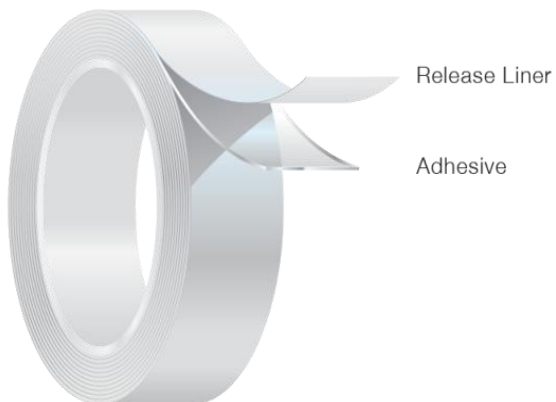
FT 1182

FEATURES:

- Ultra cross-linked acrylic adhesive
- Polyethylene protected liner
- Easy release liner

BENEFITS:

- Provides a very high temperature resistance and a high chemical, moisture and UV-light resistance
- Combines a high degree of moisture stability with excellent die-cutting properties
- Enables smooth removal during application



CONSTRUCTION:

Liner:

Natural Poly-coated Kraft

Adhesive:

Acrylic

FT 1182

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		5.4	0.14	138
Adhesive:		2.4	0.06	61
Total Caliper:		7.8	0.20	199

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	20 min dwell	5.3	84	919
	24 hr dwell	5.7	91	1000
	72 hr dwell	6.2	99	1080
Polycarbonate	20 min dwell	5.7	91	1000
	24 hr dwell	6.4	102	1121
	72 hr dwell	6.6	106	1159
Painted Steel	20 min dwell	5.0	80	879
	24 hr dwell	5.7	91	1000
	72 hr dwell	5.7	91	1000
Polypropylene	20 min dwell	3.0	48	520
	24 hr dwell	3.2	51	560
	72 hr dwell	3.4	55	601

LOOP TACK		Test Method(s): PSTC-16, STD-7		
2 mil PET 180° 20" min				
Substrate		Lbf / In	US Oz / In	N / Meter
SS	Initial	3.7	58	639

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
2 mil PET 1" sq (6.5 cm ²) 5.5 lbs (2.5 kg)				
Substrate		Min to Fail		
SS	Initial	> 10,000		

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
2 mil PET 1" sq (6.5 cm ²) 2.2 lbs (1 kg)				
Substrate		Min to Fail		
SS	@ 200°C / 392°F	> 10,000		

TEMPERATURES	° F	° C
Min Application Temp	50 ° F	10 ° C
Max Continuous Operating Temp	392 ° F	200 ° C
Max Intermittent Operating Temp	482 ° F	250 ° 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

- Two years 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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