



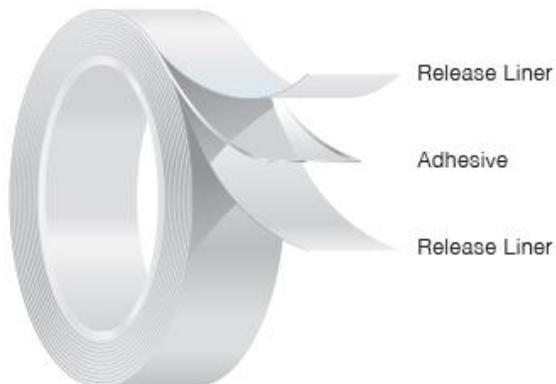
FT 2085

FEATURES:

- Cross-linked acrylic adhesive
- Thick adhesive mass
- Polyethylene liner
- Clay-coated paper liner

BENEFITS:

- Provides high shear with high temperature, chemical, UV- and moisture resistance
- Allows the bonding of irregular surfaces
- Combines a high degree of moisture stability with excellent die-cutting properties
- Enables very smooth adhesive appearance



CONSTRUCTION:

Liner 1:

Blue HDPE

Adhesive:

Acrylic

Liner 2 Easy:

White Clay-coated Paper

FT 2085

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (μm)
Liner 1:		4.0	0.10	102
Adhesive:		4.3	0.11	109
Liner 2 Easy:		3.7	0.09	94
Total Caliper:		12.0	0.31	305

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	4.1	66	720
	24 hr dwell	4.7	75	819
Polycarbonate	20 min dwell	3.4	55	601
	24 hr dwell	3.7	59	650
Painted Steel	20 min dwell	2.9	46	501
	24 hr dwell	3.3	53	580
Polypropylene	20 min dwell	1.2	19	210
	24 hr dwell	1.6	26	280

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	6.6	105	1150

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
2 mil PET 1" sq (6.5 cm ²) 1000 g				
Substrate		Min to Fail		
SS	Initial	> 10,000		

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