



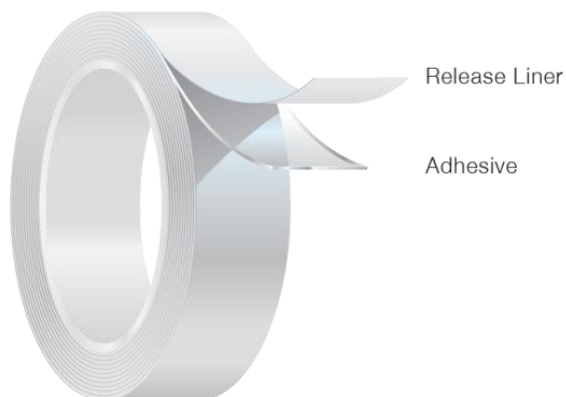
FT Y185

FEATURES:

- Cross-linked acrylic adhesive
- Thick adhesive mass
- Polyethylene protected liner
- Easy release liner

BENEFITS:

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



CONSTRUCTION:

Liner:

Natural Poly-coated Kraft

Adhesive:

Acrylic

FT Y185

Adhesive Properties:		Typical Values	
Thickness	Test Method(s): PSTC-133	US Mils	MM's
Liner:		5.4	0.14
Adhesive:		4.3	0.11
Total Caliper:		9.8	0.25

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	6.2	99	1080
	24 hr dwell	7.8	124	1361
	72 hr dwell	7.8	124	1361
Polycarbonate	20 min dwell	6.6	106	1159
	24 hr dwell	8.5	135	1480
	72 hr dwell	8.7	139	1520
Painted Steel	20 min dwell	5.7	91	1000
	24 hr dwell	6.9	110	1199
	72 hr dwell	6.9	110	1199
Polypropylene	20 min dwell	3.2	51	560
	24 hr dwell	3.7	58	639
	72 hr dwell	3.7	58	639

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	4.1	66	720

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
2 mil PET 1" sq (6.5 cm2) 5.5 lb (2.5 kg)				
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 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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