



FT D

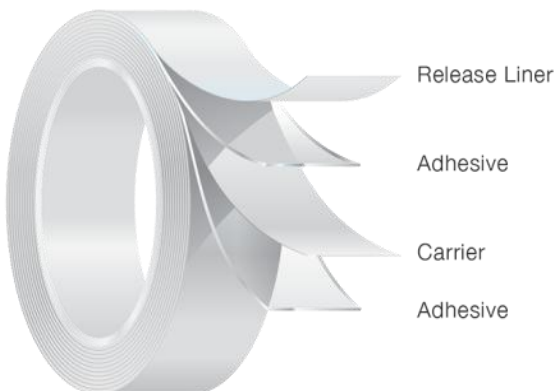
Designed for applications where high adhesion and tack are required on a variety of substrates

FEATURES:

- Polyester carrier
- Excellent tack and adhesion
- Densified kraft release liner

BENEFITS:

- Excellent processing and die-cutting stability
- Excellent adhesion to polyester urethane foams, plastics and gasket materials



CONSTRUCTION:

Liner:

Densified Kraft

Adhesive 1 Liner:

Rubber

Carrier:

Polyester

Adhesive 2 Uwind:

Rubber

FT D

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		3.6	0.09	91
Carrier & Adhesives:		5.5	0.14	139
Total Caliper:		9.1	0.23	231

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	16.3	261	2854
	Unwind	Initial	14.2	227	2486
ABS	Liner	Initial	8.9	142	1553
	Unwind	Initial	8.5	135	1481
PP	Liner	Initial	7.0	112	1227
	Unwind	Initial	6.6	105	1149
Talc PP	Liner	Initial	6.7	108	1178
	Unwind	Initial	6.3	101	1110
LDPE	Liner	Initial	3.8	61	665
	Unwind	Initial	4.2	66	727
HDPE	Liner	Initial	5.8	93	1017
	Unwind	Initial	5.5	87	954
TPO	Liner	Initial	8.0	128	1404
	Unwind	Initial	7.9	126	1375
Painted Metal	Liner	Initial	13.0	208	2273
	Unwind	Initial	11.5	184	2014

LOOP TACK		Test Method(s): PSTC-16, STD-7			
2 mil PET 180° 20" min					
Substrate			Lbf / In	US Oz / In	N / Meter
SS	Liner	Initial	18.0	288	3152
	Unwind	Initial	15.0	240	2627

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	Liner	Initial	> 4,500		
	Unwind	Initial	> 4,500		

SAFT		Test Method(s): ASTM D 3654, STD-243			
Aluminum Foil 1" sq (6.5 cm ²) 500 g					
Substrate			Min to Fail	Fail Temp °F	Fail Temp °C
SS	Liner	Initial	88	145	63

TEMPERATURES	° F	° C
Min Application Temp	50 ° F	10 ° C
Max Continuous Operating Temp	150 ° F	65 ° C
Max Intermittent Operating Temp	175 ° F	79 ° 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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