

## **FT 1123 PET**

FT 1123 PET is designed for applications requiring an acrylic adhesive for laminating to polyether and polyester urethane foams where high initial tack and adhesion are required

### **Features**

- High tack acrylic adhesive
- Superior die cutting properties
- Moisture stable polyester liner

### **Benefits**

- Excellent initial tack and adhesion
- Adheres to a wide variety of substrates
- Excellent foam bonding characteristics

### **Construction**



Release Liner

Adhesive

Liner:

Polyester

Adhesive:

Modified Acrylic

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		2.0	0.05	51
Adhesive:		3.0	0.08	76
Total Caliper:		5.0	0.13	127

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	Initial	7.8	125	1366
ABS	Initial	8.3	133	1453
PP	Initial	5.7	91	998
Talc PP	Initial	3.1	50	543
LDPE	Initial	3.8	61	665
HDPE	Initial	8.3	133	1453
TPO	Initial	4.1	66	718
Painted Metal	Initial	4.6	73	800

LOOP TACK		Test Method(s): PSTC-16, STD-7		
2 mil PET 20" min				
Substrate		Lbf / In		
SS	Initial	7.3		

STATIC SHEAR		Test Method(s): PSTC-16, STD-7		
2 mil PET 1" sq (6.5 cm <sup>2</sup> ) 2.2 lbs (1 kg)				
Substrate		Min to Fail		
SS	Initial	> 400		

SAFT		Test Method(s): ASTM D 3654, STD-243		
Aluminum Foil 1" sq (6.5 cm <sup>2</sup> ) 1000 g				
Substrate		Min to Fail	Fail Temp °F	Fail Temp °C
SS		104	156	69

TEMPERATURES			
° F			
° C			
Minimum Service Temperature		-40 ° F	-40 ° C
Maximum Service Temperature		350 ° F	176 ° C

#### 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.