



## FT 1143

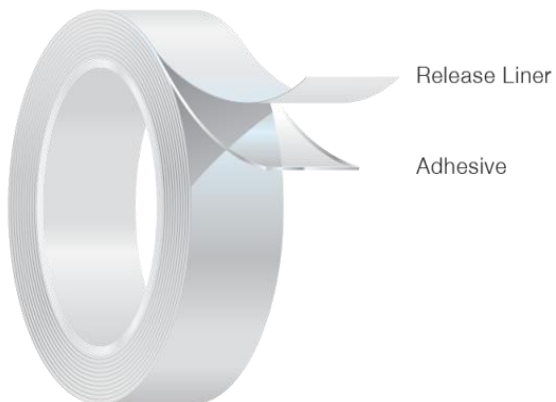
Ideal for applications, including foam bonding where mild plasticizers and elevated temperatures are present

### FEATURES:

- Specially formulated acrylic adhesive
- Unsupported adhesive film
- Densified kraft release liner

### BENEFITS:

- Excellent initial tack and adhesion
- Resists effects of mild plasticizers and elevated temperatures
- Ease of removal during application



### CONSTRUCTION:

#### Liner:

Densified Kraft

#### Adhesive:

Acrylic

**FT 1143**

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		4.6	0.12	117
Adhesive:		3.1	0.08	79
Total Caliper:		7.7	0.20	195

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	4.3	69	753

LOOP TACK		Test Method(s): PSTC-16, STD-7		
2 mil PET 20" min				
Substrate		Lbf / In	US Oz / In	N / Meter
SS	Initial	3.1	50	543

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9		
2 mil PET 1" sq (6.5 cm2) 5.5 lbs (2.5 kg)				
Substrate		Min to Fail		
SS	Initial	> 500		

SAFT		Test Method(s): ASTM D 3654, STD-243		
Aluminum Foil 1" sq (6.5 cm2) 1000 g				
Substrate		Min to Fail	Fail Temp °F	Fail Temp °C
SS		76	137	59

TEMPERATURES	° F	° C
Min Application Temp	50 ° F	10 ° C
Max Continuous Operating Temp	200 ° F	93 ° C
Max Intermittent Operating Temp	250 ° F	121 ° 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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