



FT 1143 PET

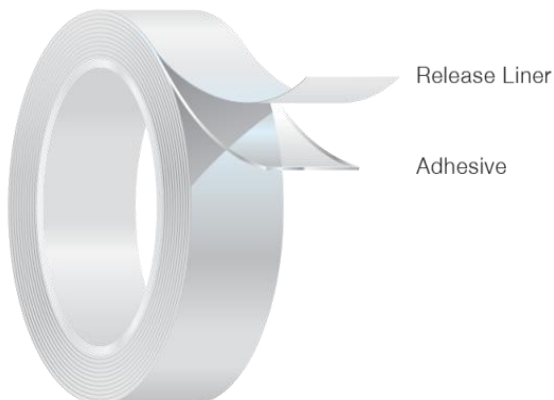
Fastape™ 1143 PET was specially designed for use in applications where an acrylic adhesive is required due to mild plasticizers or elevated temperatures.

FEATURES:

- Specially formulated acrylic adhesive
- Unsupported adhesive film
- 2 mil polyester release liner

BENEFITS:

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



CONSTRUCTION:

Liner:

Polyester

Adhesive:

Acrylic

FT 1143 PET

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		2.0	0.05	51
Adhesive:		3.1	0.08	79
Total Caliper:		5.1	0.13	129

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.

Please refer to Tapes.AveryDennison.com for complete terms and conditions, including warranty terms, relating to this product. You should periodically review the site as terms and conditions are subject to change without notice.

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