



## FT 1143

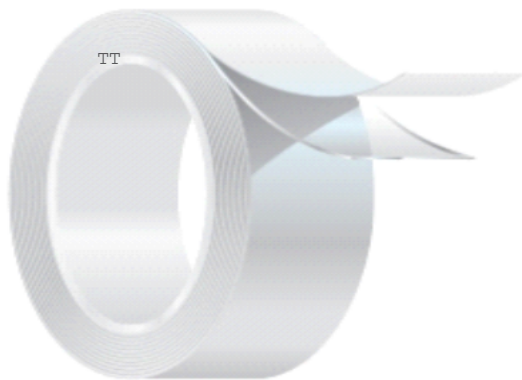
Avery Dennison FT 1143 is a 3.1 mil transfer tape with a general purpose plasticizer resistant acrylic adhesive and a polyester liner. The adhesive bonds very well to vinyl, rubber, and mildly plasticized materials as well as foam and the liner. FT 1143 is used for foam bonding and general purpose attachment of plasticized materials.

### FEATURES

- Unsupported adhesive construction
- Plasticizer resistant acrylic adhesive
- Kraft release liner

### BENEFITS

- Conformability
- Bonds well to PVC and mild plasticized materials
- Excellent moisture stability and die cutting properties with good converting performance



### CONSTRUCTION:

#### Liner:

83# White Kraft

#### Adhesive:

Plasticizer Resistant Acrylic

**FT 1143**

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US Mils	MM's	Micron's (µm)
Liner		4.6	0.12	117
Adhesive		3.1	0.08	79
Total Caliper without Liner:		3.1	0.08	196
Total Caliper:		7.7	0.20	79

Peel Adhesion		ASTM D1000		
180° 12 in (305 mm) / min				
Substrate		Lbf / In	N / Meter	
SS	72 hr dwell	7.2	1,268	
ABS	72 hr dwell	6.5	1,145	

Loop Tack		ASTM D6195		
180° 20 in (508 mm) / min				
Substrate		Lbf / In	N / Meter	
SS	Initial	3.1	546	

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm2) 500 g				
Substrate		Mins to Fail		
SS	24 hr dwell	> 10,000		

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	30° C
Minimum Service Temperature	-40° F	-40° C
Maximum Service Temperature	250° F	120° 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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Performance Tapes

Asia Pacific  
Kunshan, China,  
NO. 618 Nanhe Road  
Kunshan Economic &  
Technological Zone  
China, 215335  
Phone: +86 512 57155001  
Fax: +86 512 57155059

Europe  
Tieblokkenlaan 1  
B-2300 Turnhout  
Belgium  
Phone: +32 (0)14 40 48 11  
Fax: +32 (0)14 40 48 55

North America  
250 Chester Street  
Painesville, Ohio  
44077 USA  
Phone: +1 866-462-8379  
Fax: +1 888-358-4469