



## FT 8217

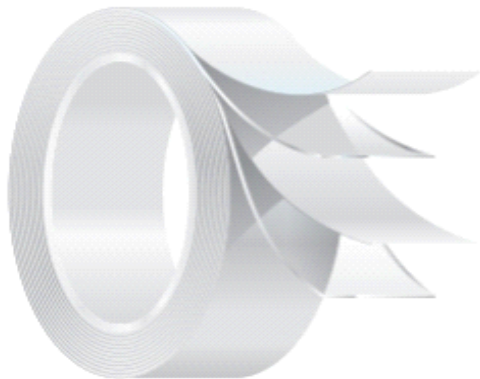
Avery Dennison™ FT 8217 was designed for use on applications that require excellent adhesion to foam or low surface energy substrates along with good dimensional stability.

### FEATURES

- Specially formulated high tack acrylic adhesive
- Conformable non-woven carrier
- Densified kraft release liner

### BENEFITS

- Excellent foam bonding characteristics
- Excellent conformability
- Heavy adhesive mass
- Excellent adhesion to a variety of substrates
- Two-year warranty



### CONSTRUCTION:

**Liner:**

60# White Kraft

**Adhesive 1:**

Modified Acrylic

**Carrier:**

SB Non-Woven

**Adhesive 2:**

Modified Acrylic

**FT 8217**

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		3.5	0.09	89
Adhesive 1 - Liner		2.1	0.05	53
Carrier		1.0	0.03	25
Adhesive 2 - Unwind		3.2	0.08	81
Total Caliper without Liner:		6.3	0.16	160
Total Caliper:		9.8	0.25	249

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	LINER	INITIAL	8.3	1,462
	UNWIND		6.6	1,162
ABS	LINER	INITIAL	8.2	1,444
	UNWIND		6.1	1,074
HDPE	LINER	INITIAL	7.0	1,233
	UNWIND		5.5	969

Loop Tack		ASTM D6195		
180° 20 in (508 mm) / min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	LINER	INITIAL	8.7	1,532
	UNWIND		7.9	1,391

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm <sup>2</sup> ) 1000 g @ Room Temp				
Substrate			Min to Fail	
SS	LINER	INITIAL	> 750	
	UNWIND		> 3,000	

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	10° C
Maximum Continuous Operating Temperature	200° F	93° C
Maximum Intermittent Operating 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**

- Two years 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](http://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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