FT 8217

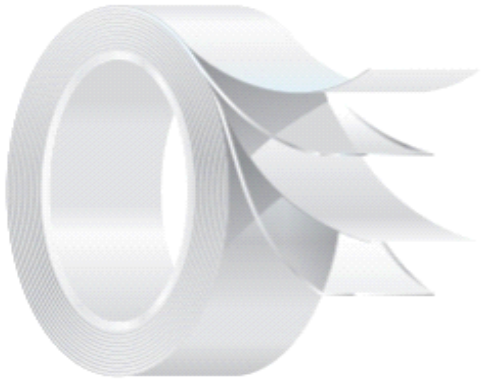
Avery Dennison™ FT 8217 was designed for use on applications that require excellent adhesion to foam or low surface energy substrates along with good dimensional stability.

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



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 D3$3302	**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		
180º 12 in (305 mm) / min				
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
PP	Liner	Initial	8.0	1,409
	Unwind		6.4	1,127
Talc PP	Liner	Initial	7.8	1,374
	Unwind		6.2	1,092
HDPE	Liner	Initial	7.0	1,233
	Unwind		5.5	969
TPO	Liner	Initial	8.2	1,444
	Unwind		7.7	
Painted Metal	Liner	Initial	5.2	916
	Unwind		5.1	898

Loop Tack		ASTM D6195		
180º 20 in (508 mm) / min				
Substrate			**Lbf / In**	**N / Meter**
SS	Liner	Initial	8.7	1,532
	Unwind		7.9	1,391

Static Shear		ASTM D3$3304		
180º 1" sq (6.5 cm2) 1000 g @ Room Temp				
Substrate			**Mins to Fail**	
SS	Liner	Initial	> 750	
	Unwind		> 3,000	

SAFT		STD-243			
1" sq (6.5 cm2) 1000 g					
Substrate			**Mins to Fail**	**Fail Temp ºF**	**Fail Temp ºC**
SS	Liner	Initial	105	157	69
	Unwind		109	159	71

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

- One year when stored at 64-72ºF (18-22ºC) / 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.

AVERY DENNISON 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