



## FM 2316

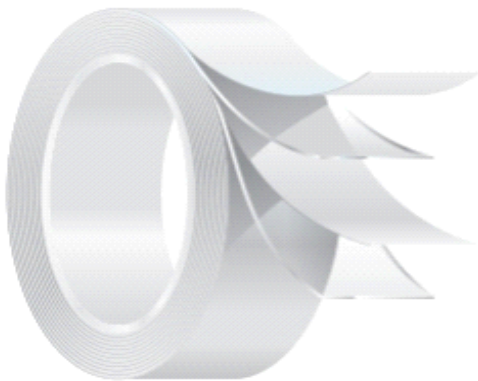
Avery Dennison™ FM 2316 is a 68 mil double coated white polyethylene foam with a modified acrylic adhesive. It bonds well to low surface energy materials and has the ability to fill gaps. FM 2316 is commonly used in general industrial foam applications.

### FEATURES

- Double coated tape construction
- Modified acrylic adhesive for low surface energy substrates
- Polyethylene foam carrier
- Super calendered kraft release liner

### BENEFITS

- Dimensional stability and good die cutting characteristics
- Strong bond to low surface energy materials
- Good heat resistance
- Gap filling properties and good conformability
- High tensile strength and tear resistance with excellent die cutting performance
- Two-year warranty



### CONSTRUCTION:

**Liner:**

60# White Kraft

**Adhesive 1:**

Acrylic

**Carrier:**

Polyethylene Foam

**Adhesive 2:**

Acrylic

**FM 2316**

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		3.5	0.09	89
Adhesive 1 - Liner		2.3	0.06	58
Carrier		63.0	1.60	1600
Adhesive 2 - Unwind		2.3	0.06	58
Total Caliper without Liner:		67.6	1.72	1717
Total Caliper:		71.1	1.81	1806

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	Liner	72 hr dwell	8.0	1,409
	Unwind		8.0	1,409
ABS	Liner	72 hr dwell	5.0	881
	Unwind		5.0	881

Loop Tack		ASTM D6195		
180° 32 in (508 mm) / min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	Liner	Initial	10.0	1,761

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm2) 1000 g @ Room Temp				
Substrate			Min to Fail	
SS	Liner	24 hr dwell	> 10,000	

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	10° C
Minimum Service Temperature	-40° F	-40° C
Maximum Service Temperature	225° F	105° 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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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