



## FM 2316

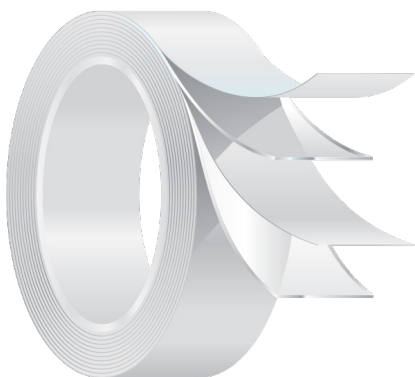
Avery Dennison FM 2316 is a 68 mil double coated white polyethylene foam with a modified acrylic adhesive. It bonds well to low surface energy materials and has the ability to fill gaps. FM 2316 is commonly used in general industrial foam applications.

### 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



### CONSTRUCTION:

#### Liner:

60# White Kraft

#### Adhesive:

Acrylic

#### Carrier:

1/16" White Foam

#### Adhesive:

Acrylic

**FM 2316**

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Liner		3.5	0.09	90
Adhesive - Unwind		2.3	0.06	60
Carrier		63.0	1.60	1600
Adhesive - Liner		2.3	0.06	60
Total Caliper without Liner:		67.6	1.72	1720
Total Caliper:		71.1	1.81	1810

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330		
2 mil PET	72 hr dwell	180°	12 in /min (305 mm / min)	
Substrate		Lbf / In	N / Meter	
SS	Liner	8.0	1,400	
	Unwind	8.0	1,400	
ABS	Liner	5.0	880	
	Unwind	5.0	880	

LOOP TACK		Test Method(s): PSTC-16		
2 mil PET	Initial	20 in / min (508 mm / min)		
Substrate		Lbf / In	N / Meter	
SS	Liner	10.0	1,750	

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654		
2 mil PET	72 hr dwell	1" sq (6.5 cm2)	1000 g	
Substrate		Mins to Fail		
SS	Liner	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**

- 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](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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