



FM 2316

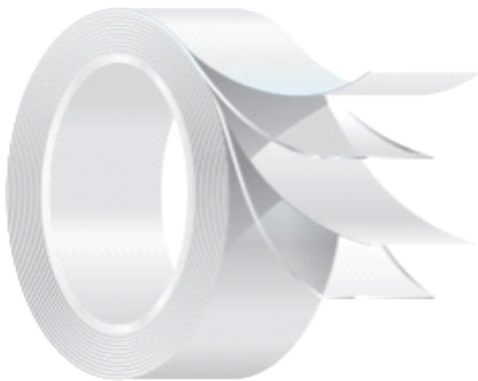
Avery Dennison™ FM 2316 is a 68 mil double coated white polyethylene foam with a modified acrylic adhesive. It bonds well to low surface energy materials and has the ability to fill gaps. FM 2316 is commonly used in general industrial foam applications.

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 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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