



## FM 2116

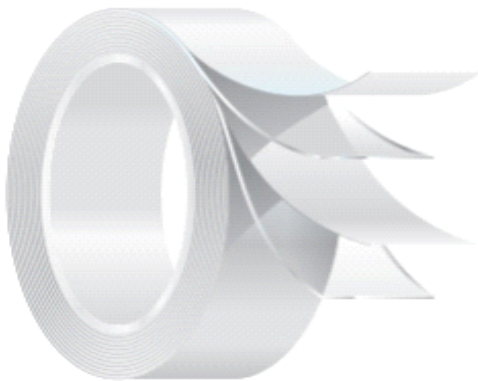
Avery Dennison™ FM 2116 is a 68 mil double coated white polyethylene foam with a high shear rubber adhesive. It bonds to a wide variety of low surface energy materials and features high shear strength and the ability to fill gaps. FM 2116 is commonly used in general industrial foam applications.

### FEATURES

- Double coated tape construction
- High shear rubber adhesive
- Polyethylene foam carrier
- Super calendered kraft release liner

### BENEFITS

- Dimensional stability and good die cutting characteristics
- Strong bond to a wide variety of low surface energy materials
- High shear and high temperature 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:**

Rubber

**Carrier:**

Polyethylene Foam

**Adhesive 2:**

Rubber

**FM 2116**

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		3.5	0.09	89
Adhesive 1 - Liner		2.5	0.06	64
Carrier		63.0	1.60	1600
Adhesive 2 - Unwind		2.5	0.06	64
Total Caliper without Liner:		68.0	1.73	1727
Total Caliper:		71.5	1.82	1816

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	Liner	72 hr dwell	6.5	1,145
	Unwind		6.5	1,145
PP	Liner	72 hr dwell	6.5	1,145
	Unwind		6.5	1,145

Loop Tack		ASTM D6195		
180° 32 in (508 mm) / min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	Liner	Initial	7.0	1,233

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	175° F	80° 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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