



FM 2465

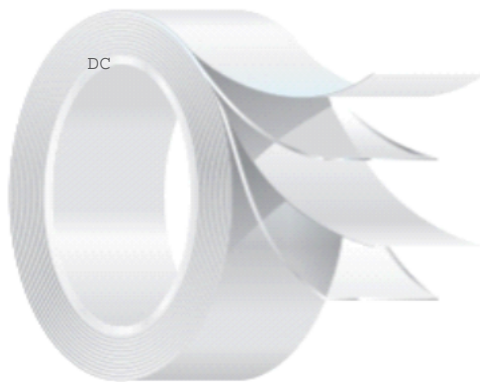
Avery Dennison FM 2465 is a 36 mil double coated black polyethylene foam tape with acrylic adhesive on both sides. It was specifically designed for bonding automotive mirrors to mirror housings where good adhesion, heat resistance, environmental resistance gap filling and shatter resistance are important.

FEATURES

- Durable and high shear strength acrylic
- Double-coated construction
- Foam carrier for excellent line-to-line fit

BENEFITS

- High holding power
- Great heat, humidity and solvent resistance
- Good for filling and bonding rigid materials



CONSTRUCTION:

Liner:

60# White Kraft

Adhesive 1:

Acrylic

Carrier:

Polyethylene Foam

Adhesive 2:

Acrylic

FM 2465

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		3.6	0.09	91
Adhesive - Unwind		3.0	0.08	76
Carrier		31.0	0.79	787
Adhesive - Liner		3.0	0.08	76
Total Caliper without Liner:		37.0	0.94	955
Total Caliper:		40.6	1.03	940

Peel Adhesion		ASTM D3330		
180° 12 in (305 mm) / min				
Substrate			Lbf / In	N / Meter
SS	Liner	Initial	2.7	475
ABS	Liner	Initial	4.1	722

Loop Tack		ASTM D6195		
180° 20 in (508 mm) / min				
Substrate			Lbf / In	N / Meter
SS	Liner	Initial	8.3	1,462

Static Shear		ASTM D3654		
180° 1" sq (6.5 cm ²) 1000 g				
Substrate			Mins to Fail	
SS	Liner	24 hr dwell	> 10,000	

SAFT		PSTC-17			
24 hr dwell 1" sq (6.5 cm ²) 500 g					
Substrate			Mins to Fail	Fail Temp °F	Fail Temp °C
SS	Liner	24 hr dwell	273	330	166

TEMPERATURES	° F	° C
Minimum Application Temperature	50° F	30° C
Maximum Continuous Operating Temperature	250° F	121° C
Maximum Intermittent Operating Temperature	300° F	150° 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 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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