



FM 2454

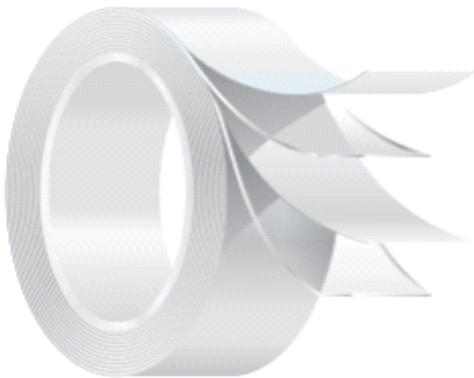
Avery Dennison™ FM 2454 is a 35 mil double coated black polyethylene foam with a moisture resistant acrylic adhesive. It bonds very well to glass and ceramic, including in moist environments. FM 2454 is commonly used in exterior automotive applications.

FEATURES

- Double coated tape construction
- Moisture resistant acrylic adhesive
- Polyethylene foam carrier
- Super calendered kraft release liner

BENEFITS

- Dimensional stability and good die cutting characteristics
- Strong bond to ceramic and glass, even in high moisture environments
- 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 2454

Adhesive Properties:		Typical Values		
Thickness	ASTM D3652	US Mils	MM's	Micron's (µm)
Liner		3.5	0.09	89
Adhesive 1 - Liner		2.1	0.05	53
Carrier		31.0	0.79	787
Adhesive 2 - Unwind		2.1	0.05	53
Total Caliper without Liner:		35.2	0.89	894
Total Caliper:		38.7	0.98	983

Peel Adhesion		ASTM D3330		
180° 12 in (300 mm) min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	Liner	72 hr dwell	7.0	1,233
	Unwind		6.5	1,145
ABS	Liner	72 hr dwell	6.0	1,057
	Unwind		5.5	969

Loop Tack		ASTM D6195		
180° 32 in (508 mm) / min @ Room Temp				
Substrate			Lbf / in	N / Meter
SS	Liner	Initial	6.0	1,057

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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