



FM 2454

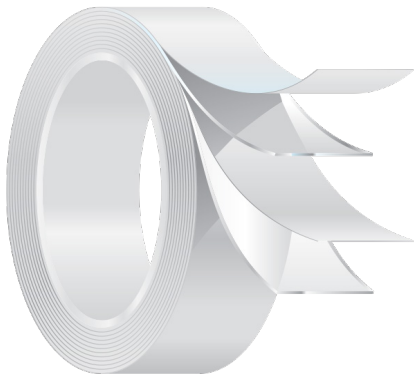
Avery Dennison FM 2454 is a 35 mil double coated black polyethylene foam with a moisture resistant acrylic adhesive. It bonds very well to glass and ceramic, including in moist environments. FM 2454 is commonly used in exterior automotive applications.

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



CONSTRUCTION:

Liner:

60# White Kraft

Adhesive:

Acrylic

Carrier:

1/32" Black Foam

Adhesive:

Acrylic

FM 2454

Adhesive Properties:		Typical Values		
Thickness	ASTM D-3652	US mil	mm	micron (µm)
Liner		3.5	0.09	90
Adhesive - Unwind		2.1	0.05	55
Carrier		31.0	0.79	785
Adhesive - Liner		2.1	0.05	55
Total Caliper without Liner:		35.2	0.89	895
Total Caliper:		38.7	0.98	985

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	7.0	1,230	
	Unwind	6.5	1,140	
ABS	Liner	6.0	1,050	
	Unwind	5.5	960	

LOOP TACK		Test Method(s): PSTC-16		
2 mil PET Initial 20 in / min (508 mm / min)				
Substrate		Lbf / In	N / Meter	
SS	Liner	6.0	1,050	

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 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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