



FM 2935 PET

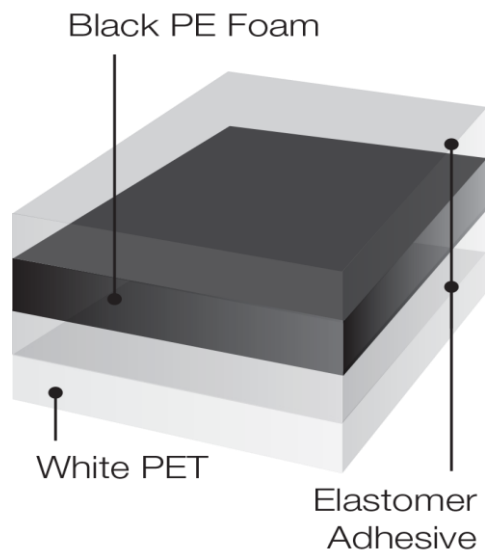
Avery Dennison FM 2935 PET is a double coated black polyethylene foam tape with a very aggressive elastomeric based adhesive. It is used for bonding a wide range of materials including low surface energy substrates. This product has excellent adhesion and shear strength and also resists elevated temperatures. FM 2935 PET is suitable for fixing nameplates and emblems to automotive exterior paints including very low surface energy clear coats.

FEATURES:

- Very aggressive elastomer based adhesive
- Double-coated polyethylene foam construction
- Strong, durable polyester liner

BENEFITS:

- Excellent bond to most surfaces, even hard to bond LSE clear coats
- Good for bonding rigid plastics
- Easy to die-cut properties allow for even small die-cut pieces



CONSTRUCTION:

Liner:

White Polyester

Adhesive 1 Liner:

Crosslinked Elastomer

Carrier:

Black Polyethylene Foam

Adhesive 2 Uwind:

Crosslinked Elastomer

FM 2935 PET

Adhesive Properties:		Typical Values		
Thickness	Test Method(s): PSTC-133	US Mils	MM's	Microns (µm)
Liner:		2.5	0.06	63
Carrier and Adhesives:		35.4	0.90	899
Total Caliper:		38.9	0.99	963
FOAM DENSITY		kg / m ³		
		145		

PEEL ADHESION		Test Method(s): PSTC-101, ASTM D-3330, STD-10			
2 mil PET 90° 12" / min					
Substrate			Lbf / In	US Oz / In	N / Meter
SS	Liner	20 min dwell	18.3	292	3199
SS	Liner	24 hr dwell	18.3	292	3199

TENSILE / PLYUCK		Test Method(s): PSTC-101, ASTM D-3330, STD-10			
2 mil PET 90° 2" / min					
Substrate			Lbf / In	US Oz / In	N / Meter
SS	Liner	72 hr dwell	130.5	2088	22851

DYNAMIC SHEAR		Test Method(s): ASTM D-1002, STD-27			
2 mil PET 180° 0.5" / min					
Substrate			Lbf / In	US Oz / In	N / Meter
SS	Liner	72 hr dwell	124.7	1995	21835

STATIC SHEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9			
2 mil PET 1" sq (6.5 cm2) 500 g Liner					
Substrate			Min to Fail		
SS	72 hr dwell	@ 70°C / 158°F	> 10,000		

TEMPERATURES	° F	° C
Min Application Temp	50 ° F	10 ° C
Max Continuous Operating Temp	176 ° F	80 ° C
Max Intermittent Operating Temp	230 ° F	110 ° 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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