# FM 2935W

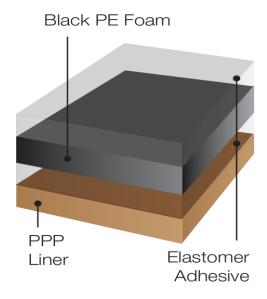
Avery Dennison FM 2935W is a double coated black polyethylene foam tape with a very aggressive elastomeric based adhesive. It is used for bonding a wide range of materials including low surface energy substrates. This product has excellent adhesion and shear strength and also resists elevated temperatures. FM 2935W 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:

Brown Poly-coated Kraft

## Adhesive 1 Liner:

High Adhesion Elastomeric Adhesive

### Carrier:

Black Polyethylene Foam

# Adhesive 2 Uwind:

High Adhesion Elastomeric Adhesive

#### FM 2935W

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Adhesive Properties:		Typical Values				
Test Method(s): PSTC-133		Test Method(s): PSTC-133	US Mils		MM's	
Liner:			5.1		0.13	
Carrier and Adhesive	es:		35.4		0.90	
Total Caliper:			40.6		1.03	
Total Caliper.			kg / m³		1.03	
FOAM DENSITY			145			
PEEL ADHESION		Test Method(s): PSTC-101, ASTN	M.D.3330 STD-10			
	2" / min	rest wethou(s). To ro ro r, Aorr	VI D 3330, 01D 10			
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	
				1		
TENSILE / PLUCK						
	" / min					
Substrate			Lbf / In	US Oz / In	N / Meter	
SS	Liner	72 hr dwell	130.5	2088	22851	
					t	

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 SH	IEAR		Test Method(s): PSTC-107, ASTM D 3654, STD-9	
2 mil PFT	1" sq (6.5 cm2)	500 a	Liner	

Substrate	oniz) 500 g Enici	Min to Fail	
SS	72 hr dwell @ 70°C / 158°F	> 10,000	

TEMPERATURES	° F	0 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. Avery Dennison.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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