

# Bumper Stickers

Permanent - Sheet-Form

*Bumper stickers are like "mini-billboards", working 24/7 to get important messages across. Pressure-sensitive film is a perfect solution because it is highly durable. In addition, it offers a wide variety of options from simple, brilliant white to colors, and even eye-catching holographic patterns for interesting light-diffraction effects.*

*End Use Applications:  
Vehicle Bumper Stickers  
School/Association Decals  
Novelty  
Vehicle Window Stickers  
Flexible Magnet*

*For more information on FLEXcon's pressure-sensitive film solutions for Bumper Stickers, contact your local Sales Representative or our Product Branding Business Team at (508) 885-8370.*

*Product ID #: FLX000034*



Product: **Flexcon® FlexMark® V 400 F Red V-465 90 PFW**

**Benefits:**

- 3.5 mil flexible vinyl film for easy application
- Black, red and yellow film is available for high visual appeal
- Printable via UV and solvent screen. Please test for ink adhesion with your specific ink chemistry
- Permanent pressure-sensitive acrylic adhesive bonds well to a variety of surfaces including paper, wood, glass and metal
- 90 lb. moisture stable polycoated layflat release liner ideal for sheet and roll-to-sheet converting
- Ideal for sheet-form converting

# Flexcon® FlexMark® V 400 F Red V-465 90 PFW

PRODUCT DATA	VALUE		TEST METHOD
Physical Properties			
Thickness (Mils[microns])	Film	3.5 (89) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	0.7-0.8 (18-20) +/- 0.1 (3)	
	Liner	6.9 (175) +/- 10%	
Dimensional Stability (%)	MD	< 1.0	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
	TD	< 1.0	
Adhesion Properties			
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour dwell time)
	Oz/in	(N/m)	
Glass	45	(495)	
Painted Metal	43	(473)	
Painted Wallboard	15	(165)	
Painted Wood	11	(121)	
Paper	36	(396)	
Varnished Wood	23	(253)	
Vinyl	41	(451)	
Expected Shear			ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	8		
Tack (gm/sq cm)	230		ASTM D 2979
Expected Exterior Life	Two years		
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)		
Minimum Application Temperature	50°F (10°C)		
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity		

## Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of Flexcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by Flexcon. All purchasers of Flexcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of Flexcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

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