

# 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 #: FLX000033*



Product:

Flexcon®  
FlexMark® V 400 F Black 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 chrome-coated metal, chrome-coated plastic, glass, auto glass and painted plastic
- 90 lb. moisture stable polycoated layflat release liner ideal for sheet and roll-to-sheet converting
- Ideal for sheet-form converting

Ask about Flexcon's wide variety of colored vinyls, brilliant metallic polyesters and eye-catching holographic vinyls for bumper stickers

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

PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	3.5 (89) +/- 10%
	Adhesive	0.7-0.8 (18-20) +/- 0.1 (3)
	Liner	6.9 (175) +/- 10%
Dimensional Stability (%)	MD	Less than 0.1
	TD	Less than 0.1
<b>Adhesion Properties</b>		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)
	Auto Glass	46 (506)
	Chrome-Coated Metal	41 (451)
	Chrome-Coated Plastic	47 (517)
	Glass	45 (495)
	Painted Plastic	46 (506)
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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