

Bumper Stickers

White - Removable - Roll-to-Sheet

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
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 #: FLX000007



Product:

**Flexcon®
Classics Plus® Select™
31173SL**

Benefits:

- 3.1 flexible white vinyl film provides durability and easy installation
- Ink-receptive surface is compatible with most standard flexographic inks. Please test for ink adhesion with your specific ink chemistry
- Adheres to a variety of surfaces including chrome-coated metal, chrome-coated plastic, and painted plastic
- Pressure-sensitive acrylic adhesive is removable up to six months. Please test for removability with your specific application surface
- Bleached white clay coated release liner is backside printable and provides an excellent diecutting base
- Ideal for roll-to-roll and roll-to-sheet converting and dispensing

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PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	3.1 (79) +/- 10%
	Adhesive	0.6-0.7 (15-18) +/- 0.1 (3)
	Liner	4.7 (119) +/- 10%
Dimensional Stability (%)	MD	<1.0
	TD	<1.0
Chemical Resistance	Water	Good
	Gasoline	Poor
	Basic Cleaners	Excellent
	Toluene	Poor
Adhesion Properties		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
Auto Glass	62 (682)	
Chrome-Coated Metal	45 (495)	
Chrome-Coated Plastic	53 (583)	
Glass	53 (583)	
Painted Plastic	40 (440)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	20	
Tack (gm/sq cm)	260	ASTM D 2979
Expected Exterior Life	Six months for removability	
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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