



Flexcon® FlexMark® BilBrd™ BWV 4 MIL FLEXIBLE BRIGHT WHITE OPAQUE VINYL, PERM ADH, SHEET FORM LINER

Outdoor Signage: Barricade Graphics  
FLX000082

Benefits

Meets flammability requirements ASTM E 84 Class I or A Rated ; ASTM E 162 – Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source and ASTM E 662 – Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials

Features

- 3.5 mil flexible bright white opaque vinyl offers bright contrast for excellent graphic reproduction
- Film provides good opacity for covering up existing markings on the wall
- Film provides good resistance to scuffing, tearing and abrasion
- Excellent printability via UV and solvent screen, UV and solvent inkjet, UV offset, and latex
- Acrylic adhesive offers high initial tack and high ultimate bond to a wide variety of rough textured surfaces, including low surface energy plastics and painted metal
- High-performance adhesive system is designed to adhere to smooth surfaces as well as rough-textured surfaces
- Adhesive bonds well to PVC, Varnished Wood, Lumber/Wood, Paint, and Ceramic
- 90 lb. moisture stable polycoated layflat release liner ideal for sheet and roll-to-sheet converting
- Excellent layflat release liner properties for printing and converting
- Ideal for manual dispensing

Additional Details

This product is part of Flexcon's Outdoor Wall Graphics Advertising System, use overlamine [Flexcon® JetBond® 44138BN](#). For Inkjet Printing: • Typical max. ink limit = 250% • When storing printed graphics, sheeted, stacked or in roll-form, consider leaving an unprinted margin (about 1/4") to allow for potential shrinkage of the film before trimming

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Film	3.5 +/- 10%	89
Adhesive	1.0-1.1 +/- 0.1	25-28 +/- 3
Liner	6.9 +/- 10%	175

Test Method: ASTM D 3652 (Modified for use with non-tape product)

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Painted Wood	32	312

Test Method: ASTM D 903 (Modified for 72 hr. dwell time)

Additional Properties	Value	Test Method
Expected Shear	50	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack	450	ASTM D 2979
Expected Exterior Life	Up to two years	
Additional Information	Flammability ASTM E 84 Class I or A Rated ASTM E 162, ASTM E 662	
Service Temperature	-40°F to 176°F (-40°C to 80°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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