# Flexcon® FlexMark® BilBrd™ BWV 4 Mil Flexible Bright White Opaque Vinyl, Permanent Adhesive, 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
- 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
- Ideal for manual dispensing

## Additional Details

This product is part of Flexcon's Outdoor Wall Graphics Advertising System, use overlaminate 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 |
|---|---|---|
| Total Product | 10.95 | |
| 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 (hours) | 50 | ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load) |
| Tack (g) | 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

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

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