# Flexcon® FlexMark® WPAE

3.5 Mil White Opaque Vinyl, Permanent Adhesive, Air Egress Liner

FLX056169

## Benefits

## Features

- 3.5 mil white opaque vinyl provides excellent hiding power
- Excellent printability via UV and solvent screen, UV and solvent inkjet, UV offset, and latex
- High-performance permanent adhesive bonds well to ABS, acrylic, Formica®, aluminum, stainless steel, HDPE, painted metal, styrene, painted non-vinyl wallboard, glass and more
- Backed with a 90 lb. moisture stable polycoated layflat release air-egress liner ideal for roll-to-sheet or sheet-form converting

## Additional Details

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

Formica® is a registered trademark of the Diller Corp.

## Technical Data

**Physical Properties**

| Thickness (Mils [microns]) | Mils | Microns |
|---|---|---|
| Total Product | 11.6 | |
| Film | 3.5 +/- 10% | 89 |
| Adhesive | 0.9-1.0 +/- 10% | 23-25 +/- 3 |
| Liner | 6.9 +/- 10% | 175 |

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

**Adhesion Properties**

| Ultimate Peel from | Average Oz/In | (N/m) |
|---|---|---|
| Stainless Steel | 70 | 770 |
| Acrylic Powder Paint | 72 | 792 |
| Glass | 64 | 704 |
| Polypropylene | 24 | 264 |
| ABS | 62 | 682 |

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

| Additional Properties | Value | Test Method |
|---|---|---|
| Expected Shear (hours) | 15 | ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load) |
| Tack (g) | 750 | ASTM D 2979 |
| Expected Exterior Life | Two years | |
| Additional Information | Flammability Contact Tech Service at 508-885-8263 | |
| 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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