



# Flexcon® DPM Aply® 4WVSAE (V 400 F White L-344 90 PFW Air Egress - UL Rec)

Consumer Durables: Print-Receptive White Vinyl Air Egress Sheet Form Liner  
FLX069798

## Benefits

- CUL Recognized, L- Adhesives, UL Recognized

## Features

- Print-receptive 4.0 mil white flexible vinyl provides consistent surface smoothness, excellent dimensional stability, and conformability
- Printable via thermal transfer, UV and solvent screen, UV, solvent & water flexo, and narrow-format UV inkjet
- In most cases, corona treatment is not required
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass
- High shear and high peel adhesive resists cold flow and oozing
- 90 lb. embossed liner creates air egress channels in the adhesive to eliminate bubbles and wrinkles during application process and post application process
- Liner is ideal for roll-to-sheet and sheet-form converting on most narrow-format presses

## Additional Details

All narrow-format UV inkjet systems are different; therefore, we recommend "fit-for-use" testing. Please note: DPM Aply® with air egress liner is available for sale in North America only. Due to the custom nature of this product, the data presented are based on three or less production runs.

## Technical Data

### Physical Properties

| Thickness (Mils [microns]) | Mils            | Microns     |
|----------------------------|-----------------|-------------|
| Total Product              | 11.35           |             |
| Film                       | 3.4 +/- 10%     | 86          |
| Adhesive                   | 1.0-1.1 +/- 0.1 | 25-28 +/- 3 |
| Liner                      | 6.8 +/- 10%     | 172         |

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

**Adhesion Properties**

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Acrylic            | 59            | 649   |
| Stainless Steel    | 54            | 594   |
| Glass              | 55            | 605   |
| Polypropylene      | 40            | 440   |
| Polyethylene       | 28            | 308   |

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

| Additional Properties           | Value   | Test Method  |
|---------------------------------|---|--|
| Expected Shear (hours)          | 3   | ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load) |
| Tack (g)                        | 500   | ASTM D 2979  |
| Expected Exterior Life          | Five years based on 2000 hours Xenon arc testing          |  |
| Additional Information          |   |  |
| 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.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.