



# Flexcon® DPM® CWS Cast White Vinyl Hi-Perf Adhesive Sheet Liner

Durable Goods and Equipment Labeling Cast White Vinyl Sheet

FLX064821

## Benefits

- Cast vinyl is resistant to shrinkage and the outdoor elements (no need to overlaminate)
- Die cuts easily

## Features

- Highly conformable 2.0 mil white cast vinyl adheres well to flat, curved and riveted surfaces
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, moderately rough surfaces. polycarbonate and fiberglass
- High-peel permanent acrylic adhesive resists cold flow and ooze
- Performance, aggressive, permanent pressure-sensitive adhesive bonds well to a variety of surfaces
- Backed on both sides with a 90 lb. polycoated layflat release liner, ideal for sheet and roll-to-sheet converting

## Additional Details

### Technical Data

#### Physical Properties

| Thickness (Mils [microns]) | Mils                | Microns |
|----------------------------|---------------------|---------|
| Total Product              | 9.55                |         |
| Film                       | 2.0 +/-10%          | 51      |
| Adhesive                   | 1.0-1.1 +/- 0.1 (3) | 25-28   |
| Liner                      | 6.9 +/- 10%         | 175     |

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



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## Adhesion Properties

| Ultimate Peel from      | Average Oz/In | (N/m) |
|-------------------------|---------------|-------|
| Acrylic                 | 90            | 990   |
| Fiberglass              | 62            | 682   |
| Painted Metal           | 70            | 770   |
| Painted/Sealed Concrete | 16            | 176   |
| Stainless Steel         | 63            | 693   |

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

| Additional Properties           | Value                                      | Test Method |
|---------------------------------|--|-------------|
| Expected Shear (hours)          |  |             |
| Tack (g)                        | 790  | ASTM D 2979 |
| Expected Exterior Life          | Seven years                                |             |
| 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% RH |             |

## Product Performance and Suitability

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