

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

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