

Flexcon® Classics Plus® 41006

4.0 Mil White Vinyl, Permanent Adhesive, Sheet Liner FLX000115

Benefits

• Excellent stayflat release liner properties for printing and converting

Features

- 3.5 mil semi-flexible white vinyl film resists on-liner and applied shrinkage
- Printable via UV Offset, Solvent and UV Screen, Solvent and UV Inkjet, and Latex
- Permanent pressure-sensitive acrylic adhesive bonds well to a variety of surfaces including low surface energy plastics, paper, wood, glass and metal
- Backed with a layflat 90 lb. moisture stable polycoated release liner ideal for sheet-form converting

Additional Details

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|-----------------|-------------|
| Total Product | 11.25 | |
| 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)



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Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Acrylic | 73 | 803 |
| Glass | 70 | 770 |
| Polypropylene | 32 | 352 |
| Styrene | 70 | 770 |
| Polyethylene | 27 | 297 |

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

| Additional Properties | Value | Test Method |
|---------------------------------|--|--|
| Expected Shear (hours) | 10 | ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load) |
| Tack (g) | 370 | ASTM D 2979 |
| Expected Exterior Life | Two Years | |
| Additional Information | Chemical Resistance, Water Good, Gasoline Fair, Basic Cleaners Good, Toluene Poor, ASTM D 896 (Modified for number of cycles and cycle time) | |
| 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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