



Flexcon® Classics Plus® 41145

4.0 Mil White Vinyl, Permanent Adhesive Roll-Form Liner
FLX059531

Benefits

- UL-recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component
- cUL recognized under UL File No. PGGU8.MH10170 Marking and Labeling System Materials Certified for Canada - Component

Features

- 3.5 mil flexible white vinyl provides good surface smoothness and conformability
- Film surface is compatible with most conventional and UV ink systems*
- Versatile, general-purpose permanent pressure-sensitive acrylic adhesive bonds well to a variety of surfaces including low- and high-surface energy plastics
- Adhesive offers good tack and chemical resistance
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting

Additional Details

*We recommend evaluating the ink system for compatibility with the product under the application conditions.

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|-----------------------|---------|
| Total Product | 7.75 | |
| Film | 3.5 +/- 10 % | 89 |
| Adhesive | 0.75-0.85 +/- 0.1 (3) | 19-21 |
| Liner | 3.1 +/- 10% | 79 |

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

Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Stainless Steel | 67 | 737 |
| Acrylic | 80 | 880 |
| Glass | 70 | 770 |
| Polypropylene | 44 | 484 |

Test Method: ASTM D 903 (Modified for 72 hr. RT 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) | 770 | ASTM D 2979 |
| Expected Exterior Life | Two Years | |
| Additional Information | | |
| Service Temperature | -40°F to 176°F (-40°C to 80°C) | |
| Minimum Application Temperature | 32°F (0°C) | |
| Storage Stability | Two years stored at 70°F (21°C) and 50% RH | |

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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