



Flexcon® NexGen™ WP344S

2.0 Mil Gloss Topcoated White Polyester, Permanent Adhesive, Sheet-Form Liner

FLX068700

Benefits

- UL recognized under UL 969 – UL File No. PGJ12.MH16635 Printing Materials – Component
- cUL recognized under UL File No. PGJ18.MH16635 – Printing Materials Certified for Canada – Component – under CAN/CSA standard C22.2, No. 0.15

Features

- 2.0 mil white gloss topcoated polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; and UV inkjet
- Topcoat is more universally printable than other thermal transfer printable products
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass
- 90 lb. moisture stable polycoated release 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.

For laser diecutability, please check with your equipment manufacturer.

Technical Data

Physical Properties

| Thickness (Mils [microns]) | Mils | Microns |
|----------------------------|-----------------|-------------|
| Total Product | 9.85 | |
| Film | 2.0 +/- 10% | 51 |
| Adhesive | 0.9-1.0 +/- 0.1 | 23-25 +/- 3 |
| Liner | 6.9 +/- 10 % | 175 |

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

Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Stainless Steel | 55 | 605 |
| Acrylic | 77 | 847 |
| Glass | 68 | 748 |
| Polypropylene | 15 | 165 |
| HDPE | 32 | 352 |

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

| Additional Properties | Value | Test Method |
|---------------------------------|---|---|
| Expected Shear (hours) | 30 | ASTM D 3654 Method Aa. 1 hr. dwellb. 1 sq. in. surfacec. 4 lb. load |
| Tack (g) | 1030 | ASTM D 2979 |
| Expected Exterior Life | Two years | |
| Additional Information | | |
| Service Temperature | -40°F to 302°F (-40°C to 150°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.

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