



## Flexcon® NexGen™ WP344

2.0 Mil Gloss Topcoated White Polyester, Permanent Adhesive, Roll-Form Liner  
FLX068699

### 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
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting
- Liner is suitable for optical sensing on most thermal transfer printers

### 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              | 6.45                |         |
| Film                       | 2.0 +/- 10 %        | 51      |
| Adhesive                   | 0.9-1.0 +/- 0.1 (3) | 23-25   |
| 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    | 55            | 605   |
| Acrylic            | 77            | 847   |
| Glass              | 68            | 748   |
| Polypropylene      | 15            | 165   |

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

| Additional Properties           | Value                                      | Test Method |
|---------------------------------|--------------------------------------------|-------------|
| Expected Shear (hours)          |                                            |             |
| 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% RH |             |

Product Performance and Suitability

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