# Flexcon® NexGen™ WP778

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

FLX068703

## Benefits

- UL recognized under UL 969 – UL File No. PGJI2.MH16635 Printing Materials – Component
- cUL recognized under UL File No. PGJI8.MH16635 – Printing Materials Certified for Canada – Component – under CAN/CSA standard C22.2, No. 0.15
- View Flexcon® NexGen™ WP778 Yellow Card

## 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
- High-performance modified acrylic pressure-sensitive adhesive is the most aggressive adhesive for low surface energy plastics
- Permanently bonds to a variety of low surface energy plastics, painted metal, powder coated paint, polycarbonate, and fiberglass
- Adhesive eliminates the need to prime or flame treat the surface of TPO plastics
- 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 | 6.55 | |
| Film | 2.0 +/- 10 % | 51 |
| Adhesive | 1.0-1.1 +/- 0.1 | 25-28 +/- 3 |
| 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 | 88 | 968 |
| Acrylic | 89 | 979 |
| Polypropylene | 87 | 957 |

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

| Additional Properties | Value | Test Method |
|---|---|---|
| Expected Shear (hours) | 10 | ASTM D 3654 Method Aa. 1 hr. dwellb. 1 sq. in. surfacec. 4 lb. load |
| Tack (g) | 1250 | 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 | 32°F (0°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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