



# Flexcon® ThermoFilm® NexGen™ 25110

2.0 Mil Gloss Topcoated Bright Brushed Silver Polyester, Permanent Adhesive, Roll-Form Liner  
FLX054106

## 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
- CSA accepted under CSA File No. 99214

## Features

- 2.0 mil gloss topcoated silver polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Bright brushed silver polyester provides a high-end appearance
- Topcoat is more universally printable than other thermal transfer printable products
- Printable via resin and wax/resin thermal transfer; UV & solvent screen; UV, solvent & water flexo; and UV inkjet
- Greener general purpose pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass
- High shear adhesive resists cold flow and allows for better diecutting and dispensing
- 50 lb. bleached kraft release liner made from up to 30% post-consumer waste, ideal for roll form converting
- Liner is suitable for optical sensing on most thermal transfer printers

## Additional Details

### Technical Data

#### Physical Properties

| Thickness (Mils [microns]) | Mils                | Microns |
|----------------------------|---------------------|---------|
| Total Product              | 6.25                |         |
| Film                       | 2.0 +/- 10%         | 51      |
| Adhesive                   | 0.8-0.9 +/- 0.1 (3) | 20-23   |
| 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    | 68            | 748   |
| Acrylic            | 71            | 781   |
| Glass              | 65            | 715   |
| Polypropylene      | 24            | 264   |

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

| Additional Properties           | Value                                     | Test Method |
|---------------------------------|---|-------------|
| Expected Shear (hours)          |   |             |
| Tack (g)                        | 800                                       | 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 year stored at 70°F (21°C) and 50% RH |             |

**Product Performance and Suitability**

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