

### Benefits

- UL recognized under UL 969 - UL File No. PGJ12.MH16635 Printing Materials - Component
- Full color static and variable printing in one pass together with UL PGJ12 recognition when printed on a Jetrion 4000 series UV Inkjet System
- CSA accepted under CSA File No. 99214

### Features

- 2.0 mil matte topcoated white polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Matte topcoated film designed for cross-technology printability via narrow-format UV inkjet, impact, laser, electron beam, wax, resin and wax/resin thermal transfer (we recommend evaluating the intended ribbon and ink system for compatibility with the product under the application conditions)
- Topcoat provides excellent resistance to chemicals, moisture, smudging and scratching
- Unique matte topcoat allows for greater than four times as many die revolutions before retooling compared with competing label materials
- Permanent pressure-sensitive acrylic adhesive bonds well to low- and high-surface energy plastics, metal and paint
- 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

#### Technical Data

##### Physical Properties

| Thickness (Mils [microns]) | Mils                | Microns     |
|----------------------------|---------------------|-------------|
| Film                       | 2.1 +/- 10 %        | 53          |
| Adhesive                   | 0.8-0.9 +/- 0.1     | 20-23 +/- 3 |
| Liner                      | 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. dwell time)

| Additional Properties           | Value   | Test Method  |
|---------------------------------|---|--|
| Expected Shear                  | 30  | ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load) |
| Tack                            | 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.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.