# Flexcon® ThermlFilm Select® 21830 TTR(W/R&R) 2 Mil Gloss Topcoat White Polyester Permanent Adhesive, UL Recognized

Durable Goods and Equipment Labeling Gloss Topcoated White Polyester - Thermal Transfer Printable

FLX009628

## Benefits

- UL recognized under UL 969 - UL File No. PGJI2.MH16635 Printing Materials - Component
- CSA accepted under CSA File No. 99214
- View Flexcon® ThermlFilm Select® 21830 Yellow Card

## Features

- 2.0 mil gloss topcoated white polyester provides consistent surface smoothness, excellent dimensional stability and endurance to varying temperatures
- Printable via resin and wax/resin thermal transfer, and water and UV flexo
- Permanent acrylic pressure-sensitive adhesive bonds to a variety of surfaces
- 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 |
|---|---|---|
| Total Product | 6.37 | |
| Film | 2.0 +/- 10 % | 51 |
| Adhesive | 0.8-0.9 +/- 0.1 | 20-23 +/- 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 | 55 | 605 |
| Acrylic | 65 | 715 |
| Glass | 63 | 693 |
| Polypropylene | 6 | 66 |

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

| Additional Properties | Value | Test Method |
|---|---|---|
| Expected Shear (hours) | 50 | ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load) |
| Tack (g) | 1050 | 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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