



## Benefits

- Polypropylene is more economical and conformable than polyester and provides a good diecutting base
- Excellent surface smoothness allows for optimum ink laydown
- Adhesive separates cleanly from PET flake during the recycling process allowing for the collection of rPET
- Product has been 3rd party tested for Higher Pressure Processing (HPP) and adhesive was found to have the necessary strength and compatibility to withstand the HPP conditions
- APR Critical Guidance Recognition - Flexcon's undecorated OptiFlex® EcoFocus® PP 230 H White TC pressure-sensitive labels, with V-52RE adhesive meet or exceed APR's Critical Guidance Protocol for Clear PET Articles with Labels and Closures.
- Order custom widths without purchasing a whole master through [Flexcon® FlexChoice™ for Packaging](#)

## Features

- Topcoated 2.3 mil white polypropylene offers excellent resistance to shrinkage, moisture, humidity, and product contents
- Film conformability for rigid containers provides maximum label and graphic coverage
- Printable via UV, solvent & water flexo, narrow-format UV inkjet, roll-form dry toner, UV rotary screen, UV letterpress and hot stamping
- High-performance adhesive adheres well to PET containers
- Polyester release liner for excellent on-press performance for tight-registration graphics & contains up to 60% post industrial recycled content

## Additional Details

### Technical Data

#### Physical Properties

| Thickness (Mils [microns]) | Mils            | Microns     |
|----------------------------|-----------------|-------------|
| Total Product              | 4.45            |             |
| Film                       | 2.3 +/- 10%     | 58          |
| Adhesive                   | 0.5-0.6 +/- 0.1 | 13-15 +/- 3 |
| Liner                      | 1.2 +/- 5%      | 30          |

Test Method: ASTM D 3652 (Modified for use with non-tape products)



#### Adhesion Properties

| Ultimate Peel from | Average Oz/In | (N/m) |
|--------------------|---------------|-------|
| Stainless Steel    | 30            | 330   |
| Polyester          | 24            | 264   |

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

| Additional Properties           | Value  | Test Method   |
|---------------------------------|--|---|
| Expected Shear (hours)          | 10   | ASTM D 3654 Method A (1 hr. dwell, 1 sq. in. surface, 4 lb. load) |
| Tack (g)                        | 500  | ASTM D 2979   |
| Expected Exterior Life          | Indoor use only  |   |
| Additional Information          |  |   |
| Service Temperature             | -40°F to 212°F (-40°C to 100°C)                                |   |
| Minimum Application Temperature | 20°F (-6.6°C)  |   |
| Storage Stability               | Two years when 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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