# Primary and Secondary Labeling

Clear Polypropylene

*End Use Applications:*
*Rigid Container Labels*
*Semi-Squeeze Container Labels*

*For Consumable Products including:*
*Beverages*
*Food*
*Health & Beauty*
*Household Chemical*

*For more information on FLEXcon's pressure-sensitive film solutions for primary and secondary labeling, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.*

*Product ID #: FLX070058*

Product:

## Flexcon®
## OptiFlex® PP 230 H White
## TC-458 V-32 TracRite™ 120
## (.55-.65)

Benefits:

- Topcoated 2.3 mil hard white polypropylene offers excellent resistance to shrinkage, moisture, humidity, and product contents
- Polypropylene is more economical and conformable than polyester and provides a good diecutting base
- Excellent surface smoothness allows for optimum ink laydown
- Printable via UV, solvent & water flexo, narrow-format UV inkjet, roll-form dry toner, UV rotary screen, UV letterpress and hot stamping
- Permanent pressure-sensitive acrylic adhesive bonds well to glass, low- and high-surface energy plastics without lifting, tunneling or flagging
- Adhesive offers excellent tack, clarity and wet out characteristics
- Backed with Flexcon® TracRite™ 120 polyester release liner for excellent on-press performance for tight registration graphics
- Release liner provides a good diecutting base and allows for high-speed dispensing
- 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

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# OptiFlex® PP 230 H White
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| PRODUCT DATA | VALUE | | TEST METHOD |
|---|---|---|---|
| **Physical Properties** | | | |
| Thickness (Mils[microns]) | Film | 2.3 (58) +/- 10% | ASTM D 3652 (Modified for use with non-tape products) |
| | Adhesive | 0.55-0.65 (14-17) +/- 0.1 (3) | |
| | Liner | 1.2 (30) +/- 5% | |
| Dimensional Stability (%) | No Shrinkage Observed | | Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C) |
| **Adhesion Properties** | | | |
| Ultimate Peel from | Average | | ASTM D 903 (Modified for 72 hour dwell time) |
| | Oz/In | (N/m) | |
| Acrylic | 38 | (418) | |
| Glass | 43 | (473) | |
| Polyester | 42 | (462) | |
| Polyethylene | 9 | (99) | |
| Polypropylene | 3 | (33) | |
| Stainless Steel | 41 | (451) | |
| Expected Shear | | | ASTM D 3654 Method A<br>a. 1 hr. dwell<br>b. 1 sq. in. surface<br>c. 4 lb. load |
| Room Temp (hours) | 100 | | |
| Tack (gm/sq cm) | 470 | | ASTM D 2979 |
| Expected Exterior Life | Indoor use only | | |
| Service Temperature Range | -40°F to 176°F (-40°C to 80°C) | | |
| Minimum Application Temperature | 50°F (10°C) | | |
| Storage Stability | Two years when stored at 70°F (21°C) and 50% relative humidity | | |



Last Modified On: 03/12/2024