

# Primary and Secondary Labeling

## White Polypropylene

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

*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 #: FLX000146*



**Product:** Flexcon® OptiFlex® PP 230 H White  
TC-332™ A-32 TracRite™ 150

**Benefits:**

- 2.3 mil 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
- Film conformability for rigid containers provides maximum label and graphic coverage
- Topcoat optimizes printability with flexographic, rotary screen, rotary letterpress inks 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™ 150 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

## Flexcon® OptiFlex® PP 230 H White TC-332™ A-32 TracRite™ 150

PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	2.3 (58) +/- 10%
	Adhesive	0.55-0.65 (14-17) +/- 0.1 (3)
	Liner	1.4 (36) +/- 10%
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
<b>Adhesion Properties</b>		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
Acrylic	38 (418)	
Glass	43 (473)	
Polycarbonate	50 (550)	
Styrene	44 (484)	ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Expected Shear		
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	

### Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of Flexcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by Flexcon. All purchasers of Flexcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of Flexcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

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