

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 #: FLX070057



Product:

**Flexcon®
OptiFlex® PP 200 H Clear
TC-458 V-32
TracRite™ 120 (.55-.65)**

Benefits:

- Topcoated 2.0 mil clear polypropylene (BOPP) offers excellent resistance to shrinkage, high-temperature pasteurization, moisture, humidity, and product contents
- Film clarity is ideal for achieving the no-label-look
- 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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PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%
	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	44 (484)	
Glass	39 (429)	
Polyester	43 (473)	
Polyethylene	12 (132)	
Polypropylene	6 (66)	
Stainless Steel	36 (396)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	100	
Tack (gm/sq cm)	480	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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