

# Large Diameter Labeling for OTC Drugs

Clear Polypropylene, Paper Liner

*End Use Applications:  
Track & Trace, and Branding &  
Graphics for Pill Containers*

*Suitable for autoclave, ethylene  
oxide, gamma and electron  
beam sterilization methods.*

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

*Product ID #: FLX068904*



**Product:**

**Flexcon®  
PharmCal® OTC 068904  
(PharmCal® PP 200 H Clear  
TC-458 V-449 Spec 40K-8)**

**Benefits:**

- 2.0 mil hard clear polypropylene offers excellent resistance to shrinkage, high temperatures, moisture, humidity and product contents
- Film clarity is ideal for achieving the no-label-look on clear OTC containers
- Conformable film contours around cylindrical packaging
- Print-receptive surface is printable via flexographic, UV offset, gravure, UV screen, UV letterpress, thermal transfer, narrow-format UV inkjet, and hot stamping
- Permanent high-tack, high-peel adhesive with excellent performance on plastic containers
- 40 lb. bleached white kraft release liner ideal for roll-form converting
- Liner is suitable for optical sensing on most thermal transfer printers
- Meets Compliance Regulations: 21 CFR 175.105, RoHS/WEE, and REACH
- 3-month change notification

\*FDA CFR 175.105: Adhesives may be safely used as components of articles intended for use in packaging, transporting, or holding food in accordance with the following prescribed conditions.

“Fit-for-use” testing is recommended under actual application conditions.

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PRODUCT DATA	VALUE	TEST METHOD	
<b>Physical Properties</b>			
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%	
	Adhesive	0.5-0.6 (13-15) +/- 0.1 (3)	
	Liner	2.5 (64) +/- 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)
	Glass		40
Polypropylene	23	(253)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load	
Room Temp (hours)	10		
Tack (gm/sq cm)	790	ASTM D 2979	
Expected Exterior Life	Indoor use only		
Service Temperature Range	-40°F to 212°F (-40°C to 100°C)		
Minimum Application Temperature	35°F (1.7°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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