



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

2.0 Mil Clear Polypropylene, Permanent Adhesive, Paper Liner  
FLX068904

## Benefits

- 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
- Liner is suitable for optical sensing on most thermal transfer printers
- Meets Compliance Regulations: 21 CFR 175.105, RoHS/WEE, and REACH
- 6-month change notification

## Features

- 2.0 mil hard clear polypropylene
- Conformable film contours around cylindrical packaging
- Print-receptive surface is printable via flexographic, UV offset, gravure, UV screen, UV letterpress, 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

## Additional Details

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.

## Technical Data

### Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	5.3	
Film	2.0 +/-10%	51
Adhesive	0.5-0.6 +/- 0.1	13-15 +/- 3
Liner	2.5 +/- 10%	64

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



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

2.0 Mil Clear Polypropylene, Permanent Adhesive, Paper Liner  
FLX068904

## Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Glass	40	440
Polypropylene	23	253

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)	790	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	35°F (1.7°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.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.