Flexcon® PharmCal® OTC 068905 (PharmCal® PP 230 H White TC-458 V-449 Spec 40K-8)

2.3 Mil White Polypropylene, Permanent Adhesive, Paper Liner

FLX068905

Benefits

- Excellent resistance to shrinkage, high temperatures, moisture, humidity and product contents
- Film opacity is ideal for achieving high-image graphics
- Polypropylene is more economical and conformable than polyester and provides a good diecutting base
- Excellent surface smoothness allows for optimum ink laydown
- Liner is suitable for optical sensing on most thermal transfer printers
- Meets Compliance Regulations: 21 CFR 175.105, RoHS/WEEE, and REACH
- 6-month change notification

Features

- 2.3 mil hard white polypropylene offers excellent resistance to shrinkage, moisture, humidity, and product contents
- 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

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	5.75	
Film	2.3 +/- 10%	58
Adhesive	0.5-0.6 +/- 0.1 (3)	13 - 15
Liner	2.5 +/- 10%	64

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

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 1 hr. dwell
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.

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