Flexcon® PharmCal® OTC 068903 (PharmCal® PP 230 H White TC-458 V-449 TracRite™ 120)

2.3 Mil White Polypropylene, Permanent Adhesive, Poly Liner

FLX068903

Benefits

- Film opacity is ideal for achieving high impact graphics
- Excellent resistance to shrinkage, high temperatures, 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
- Release liner provides excellent on-press performance for tight-registration graphics, a good diecutting base and allows for high-speed dispensing
- 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
- Flexcon® TracRite™ 120 polyester release liner

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	4.45	
Film	2.3 +/- 10%	58
Adhesive	0.5-0.6 +/- 0.1	13-15 +/- 3
Liner	1.2 +/- 5%	30

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 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

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