

# Single-Ply Construction for Asset Tracking - Blood Products

White Matte Polyethylene

*End-Use Applications:  
Blood and Plasma Bags*

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

*Product ID #: FLX069088*



**Product:**

**Flexcon®  
PharmCal® BioMark 069088  
(PharmCal® PE 380 F White Matte  
PTP V-224 Spec 50K-8)**

**Benefits:**

- Single-ply construction allows label to be printed and applied directly on package
- Print-receptive film printable via thermal transfer and conventional print technologies
- Permanent pressure-sensitive adhesive with high tack and chemical resistance; bonds well to a wide range of surfaces
- Passes centrifuge process
- Engineered for extreme temperature cycling and water submersion
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting
- 21 CFR 175.105 compliant\*
- REACH compliant
- 6-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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(PharmCal® PE 380 F White Matte  
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PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	3.8 (97) +/- 10%
	Adhesive	0.9-1.0 (23-25) +/- 0.1 (3)
	Liner	3.1 (79) +/- 10%
Dimensional Stability (%)	MD	0.50
	TD	0.50
<b>Adhesion Properties</b>		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In	(N/m)
	Acrylic	56 (616)
	Glass	51 (561)
	Polyethylene	35 (385)
	Polypropylene	25 (275)
	PVC	70 (770)
	Stainless Steel	51 (561)
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)	770	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	32°F (0°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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