## Piggyback Construction for Asset Tracking - Secondary Blood Bag Labels High-Performance Piggyback Material, White Polypropylene

End Use Applications: Blood and Plasma Bags

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

Product ID #: FLX069165



Product:

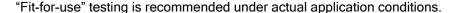
FLEXcon®
PHARMcal® BIOmark 069165
(PHARMcal® P 300 White V-224
200 Poly SC-6 V-246 Spec 50K-8)

## Benefits:

- Print-receptive film printable via thermal transfer and conventional print technologies
- Biocompatible adhesive (container side) mitigates risk of migration through packaging
- Engineered for extreme temperature cycling and water submersion
- Passes centrifuge process

- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting
- 21 CFR 175.105 compliant\*
- ISO10993-5, 10 (container side) compliant\*

\*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. ISO 10993 Biological evaluation of medical devices: Part 5:Tests for in vitro cytotoxicity; Part 10:Tests for irritation and skin sensitization.





## FLEXcon® PHARMcal® BIOmark 069165 (PHARMcal® P 300 White V-224 200 Poly SC-6 V-246 Spec 50K-8)

PRODUCT DATA	VALUE				TEST METHOD	
Physical Properties						
Thickness (Mils[microns])	Film Adhesive Liner Adhesive		3.1 (79) +/- 10% 0.8-0.9 (20-23) +/- 0.1 (3) 2.0 (51) +/- 5% 1.4-1.5 (36-38) +/- 0.1 (3) 3.1 (79) +/- 10%		ASTM D 3652 (Modified for use with non-tape products)	
Dimensional Stability	Liner MD: TD:		0.50 0.50		Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)	
Adhesion Properties					ACTM D 002 (Modified for 72 hour	
Ultimate Peel from	V-224 Average Oz/In (N/m)		V-246 Average Oz/In (N/m)		ASTM D 903 (Modified for 72 hour dwell time)	
Acrylic	91	(1001)	164	(1804)		
Glass	75	(825)	162	(1782)		
Polyethylene	26	(286)	9	(99)		
Polypropylene	51	(561)	20	(220)		
PVC	63	(693)	163	(1793)		
Expected Shear					ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface	
Room Temp (hours)	5		10		c. 4 lb. load	
Tack (gm/sq cm)	1200		940		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	50°F (	50°F (10°C)				

## Product Performance and Suitability

Two years when stored at 70°F (21°C) and

50% relative humidity

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Storage Stability