

# 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 pressure-  
sensitive 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.

“Fit-for-use” testing is recommended under actual application conditions.



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**V-246 Spec 50K-8)**

PRODUCT DATA	VALUE		TEST METHOD	
<b>Physical Properties</b>				
Thickness (Mils[microns])	Film	3.1 (79) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)	
	Adhesive	0.8-0.9 (20-23) +/- 0.1 (3)		
	Liner	2.0 (51) +/- 5%		
	Adhesive	1.4-1.5 (36-38) +/- 0.1 (3)		
	Liner	3.1 (79) +/- 10%		
Dimensional Stability	MD:	0.50	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)	
	TD:	0.50		
<b>Adhesion Properties</b>				
Ultimate Peel from	V-224                      V-246		ASTM D 903 (Modified for 72 hour dwell time)	
	Average                      Average			
		Oz/In (N/m)		Oz/In (N/m)
	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)		
<b>Expected Shear</b>				
			ASTM D 3654 Method A	
			a. 1 hr. dwell	
			b. 1 sq. in. surface	
			c. 4 lb. load	
Room Temp (hours)	5	10		
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 (10°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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