

# Tamper-Evident Materials for Security and Counterfeit Protection

Clear Polypropylene

*End Use Applications:  
Functional Technology for Pill  
Containers and Boxes*

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

*Product ID #: FLX006126*



**Product:**

**Flexcon®  
PharmCal® TamperMark™ 006126  
(PharmCal® PP 200 H Clear TC-332™  
V-88 150 Poly H-9)**

**Benefits:**

- 2.0 mil hard clear polypropylene offers excellent resistance to shrinkage, high temperatures, moisture, humidity and product contents
- Topcoat optimizes printability via narrow-format UV inkjet, flexographic, UV screen, UV letterpress, UV offset, and hot stamping
- Aggressive permanent rubber based adhesive offers excellent adhesion to plastic containers, cardboard, and packaging materials
- 1.5 mil super clear polyester release liner aids in ultra-smooth adhesive clarity
- Ideal for FDA 21CFR 211.132 and EU Falsified Medicines Directive (FMD) regulations for tamper-proof labeling and packaging
- 6-month change notification

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

**Flexcon®**

**PharmCal® TamperMark™ 006126 (PharmCal® PP 200 H Clear TC-332™ V-88 150 Poly H-9)**

PRODUCT DATA	VALUE	TEST METHOD	
<b>Physical Properties</b>			
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%	
	Adhesive	0.7-0.8 (18-20) +/- 0.1 (3)	
	Liner	1.4 (36) +/- 5%	
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)	
<b>Adhesion Properties</b>			
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)	
	Oz/in (N/m)		
	Acrylic		83 (913)
	Glass		83 (913)
	Polypropylene		69 (759)
	Stainless Steel		84 (924)
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load	
Room Temp (hours)	100		
Tack (gm/sq cm)	1470	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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