

# Tamper-Evident Materials for Security and Counterfeit Protection

White Destructible Polyethylene

*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 #: FLX069051*



**Product:**

**Flexcon®  
PharmCal® TamperMark™ 069051  
(PharmCal® PE 200 White Destruct  
TC-716 V-88 Spec 50K/Q-8)**

**Benefits:**

- 2.0 mil destructible white polyethylene destructs or distorts easily
- Destructible film prevents relabeling onto counterfeit package
- Topcoat optimizes ink receptivity with flexographic, offset and letterpress inks
- Aggressive permanent rubber based adhesive offers excellent adhesion to plastic containers, cardboard, and packaging materials
- Backed with a 50 lb. semi-bleached kraft release liner that is Quilon®\* coated to prevent label pick-off
- Ideal for roll-form converting
- Ideal for FDA 21CFR 211.132 and EU Falsified Medicines Directive (FMD) regulations for tamper-proof labeling and packaging
- 6-month change notification

**Recommendations:** Printing/converting trials are highly recommended prior to full scale manufacturing.

\*Quilon® is a registered trademark of Zaclon LLC

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



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PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%
	Adhesive	1.0-1.1 (25-28) +/- 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	Film rips	Film rips
Glass	Film rips	Film rips
Polypropylene	Film rips	Film rips
Stainless Steel	Film rips	Film rips
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	5+ Film rips	
Tack (gm/sq cm)	630	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	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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