

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
Physical Properties			
Thickness (Mils[microns])	Film	2.0 (51) +/- 10%	ASTM D 3652 (Modified for use with non-tape products)
	Adhesive	1.0-1.1 (25-28) +/- 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	
Adhesion Properties			
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.

Last Modified On: 02/19/2024

