



Flexcon® PharmCal® TamperMark™ 069052 (PharmCal® PM 200 White VOID II TC-716 V-156 Spec 50K/Q-8)

2.0 Mil White Polyester "VOID" Pattern, Permanent Adhesive, Paper Liner
FLX069052

Benefits

- Quilon®* coated to prevent label pick-off
- Ideal for FDA 21CFR 211.132 and EU Falsified Medicines Directive (FMD) regulations for tamper-proof labeling and packaging
- 6-month change notification

Features

- 2.0 mil tamper-evident white polyester film leaves behind "VOID" pattern
- Topcoat optimizes printability with resin and wax/resin thermal transfer, UV & solvent screen, flexographic, narrow-format UV inkjet, and hot stamping
- High-adhesive bond onto plastic containers, cardboard, and packaging materials
- Backed with a 50 lb. semi-bleached kraft release liner that is Quilon®* coated

Additional Details

*Quilon® is a registered trademark of Zaclon LLC
"Fit-for-use" testing is recommended under actual application conditions.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	6.9	
Film	2.3 +/- 10%	58
Adhesive	1.0-1.1 +/- 0.1	25-28 +/- 3
Liner	3.1 +/- 10%	79

Test Method: ASTM D 3652 (Modified for use with non-tape products)



Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Acrylic		Product shows tampering when r
Glass		Product shows tampering when r
Stainless Steel		Product shows tampering when r

Test Method: ASTM D 903 (Modified for 72 hour dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	5	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (g)	880	ASTM D 2979
Expected Exterior Life	Two years	
Additional Information		
Service Temperature	-40°F to 302°F (-40°C to 150°C) Tamper-evident maximum 104°F (40°C)	
Minimum Application Temperature	32°F (0°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

Descriptive information, performance data, and recommendations for Flexcon products are guides and not specifications. Providing this information is to assist you and does not constitute a warranty of any kind by Flexcon.

Purchasers must independently determine the material's suitability for their intended use. No distributor, salesman, or representative of Flexcon is authorized to provide any warranty or guarantee beyond what is stated. FLEXCON MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR TRADE USAGE.