

Security / Authenticity Labeling

White Polyester - Void Pattern

For Tamper-Evident Labeling including: Consumer Electronics or anywhere tamper evidence may be required.

Flexcon makes a variety of destructible and selectively destructible films for covert security applications.

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 #: FLX051476



Product: Flexcon® ThermiFilm® TamperMark™
PM 200 White VOID II TC-390 L-344
Spec 50K-8

Benefits:

- 2.0 mil tamper-evident white polyester film leaves behind "VOID" pattern
- Designed for applications requiring tamper evidence
- Topcoat resists smudging and abrasion when printed with resin and wax/resin thermal transfer ribbons
- Topcoat is compatible with color and black resin and wax/resin thermal transfer ribbons (we recommend evaluating the intended ribbon and ink system for compatibility with the product under the application conditions)
- Permanent acrylic pressure-sensitive adhesive bonds well to low- and high-surface energy plastics, painted metal, powder-coated paint, polycarbonate and fiberglass
- High shear and high peel adhesive resists cold flow and oozing
- Backed with a 50 lb. semi-bleached Kraft release liner ideal for roll-form converting
- Liner is suitable for optical sensing on most thermal transfer printers
- UL recognized under UL 969 - UL File No. PGGU2.MH10170 Marking and Labeling System Materials - Component

Flexcon® ThermlFilm® TamperMark™ PM 200 White VOID II TC-390 L-344 Spec 50K-8

PRODUCT DATA	VALUE	TEST METHOD	
Physical Properties			
Thickness (Mils[microns])	Film	2.3 (58) +/- 10%	
	Adhesive	0.9-1.0 (23-25) +/- 10%	
	Liner	3.1 (79) +/- 10%	
Dimensional Stability (%)	No Shrinkage Observed	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)	
Adhesion Properties			
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)	
	Oz/In		(N/m)
	Acrylic		See footnote*
	Glass		See footnote*
Stainless Steel	See footnote*	See footnote*	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load	
Room Temp (hours)	30		
Tack (gm/sq cm)	880	ASTM D 2979	
Expected Exterior Life	Two years		
Service Temperature Range	-40°F to 302°F (-40°C to 150°C) Tamper-evident maximum 104°F (40°C)		
Minimum Application Temperature	50°F (10°C)		
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity		

*This product shows tampering when removal is attempted by leaving a VOID pattern on the application surface.

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: 10/21/2024

