

Security / Authenticity Labeling

White Destructible Polyethylene

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 #: FLX027516



Product:

Flexcon®
TamperMark™ PE 200 White Destruct
TC-634 V-88 Spec 50K-8

Benefits:

- 2.0 mil destructible white polyethylene destructs or distorts easily
- Topcoat optimizes ink receptivity with flexographic, offset and letterpress inks
- Aggressive permanent rubber based adhesive offers excellent adhesion to a wide variety of surfaces
- Backed with a 50 lb. bleached kraft release liner ideal for roll-form converting

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



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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	0.5	Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
	TD	0.5	
Adhesion Properties			
Ultimate Peel from	Average		ASTM D 903 (Modified for 72 hour dwell time)
	Oz/in	(N/m)	
ABS	Film rips	Film rips	ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Acrylic	Film rips	Film rips	
Acrylic Powder Paint	Film rips	Film rips	
Aluminum	Film rips	Film rips	
Epoxy Powder Paint	Film rips	Film rips	
Glass	Film rips	Film rips	
HDPE	Film rips	Film rips	
Painted Metal	Film rips	Film rips	
Polyester Powder Paint	Film rips	Film rips	
Polypropylene	Film rips	Film rips	
Polyurethane Powder Paint	Film rips	Film rips	
Stainless Steel	Film rips	Film rips	
Expected Shear			
Room Temp (hours)	5+ (Film rips)		ASTM D 2979
Tack (gm/sq cm)	630		
Expected Exterior Life	Indoor use only		
Service Temperature Range	-40°F to 176°F (-40°C to 80°C)		
Minimum Application Temperature	35°F (2°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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