



# FLEXCON

## Providing Solutions in Pressure Sensitive Films

### Product Construction Sheet

THERMLfilm® TAMPERmark™ PM 200 WHITE VOID II T/C-390 L-344 S50K-8

#### GENERAL DESCRIPTION:

This is a topcoated thermal transfer printable, tamper evident glossy white small void polyester film coated with a permanent pressure sensitive acrylic adhesive and backed with a kraft release liner.

#### UL/CSA RECOGNITION:

This is an UL recognized and CSA listed product. For further information, please reference FLEXcon's UL file No. MH16635 (N), CSA file No. 099214 L 000 or contact your FLEXcon Representative.

#### NOTE:

Tamper evident feature of this product becomes permanently nonfunctional after exposure to +104°F (40°C) temperature. Customer must qualify this product for their intended end use application.

PRODUCT DATA	VALUE	TEST METHOD
<b>PHYSICAL PROPERTIES</b>		
Thickness (micron)	Film: 50 +/- 10 % Adhesive: 25-28 +/- 3 Liner: 75 +/- 10 %	ASTM D 3652
Dimensional Stability (%)	No shrinkage observed	On Al panel at 70°C for 24 hr.

#### ADHESION PROPERTIES\*\*

Adhesion from (N/m)	Average	
Stainless Steel Acrylic Glass	This product shows tampering when removal is attempted by leaving a void pattern on the application surface.	FTM 1 (Modified for 72 hr dwell time)
Expected Shear (hours)	100 +	FTM 8
Tack (gm/sq cm)	540	ASTM D 2979

\*\* For guidance only  
This data is based on limited test results due to the custom nature of this product, not to be used for setting specifications.

EXPECTED EXTERIOR LIFE	Two years
SERVICE TEMPERATURE RANGE	-40°C to 150°C Tamper-evident maximum 40°C
MINIMUM APPLICATION TEMPERATURE	10°C
STORAGE STABILITY	Two years stored at 21°C and 50% RH

\* THERMLfilm is a registered trademark and TAMPERmark is a trademark of FLEXcon Company 29/09/2003

#### 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.