



Providing Solutions in Pressure Sensitive Films

Product Construction Sheet

THERMLfilm® TAMPERmark™ PM 200 WHITE VOID II TC-390 V-344 SPEC 50K-8

GENERAL DESCRIPTION:

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

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
PHYSICAL PROPERTIES		
Thickness mil (micron)	Film: 2.1 (53) +/- 10 % Adhesive: 0.8-0.9 (20-23) +/- 0.1 (3) Liner: 3.1 (79) +/- 10 %	ASTM D 3652
Dimensional Stability (%)	No shrinkage observed	On Al panel at 160°F (71°C) for 24 hr.

ADHESION PROPERTIES**

Adhesion from	Average oz/in (N/m)	
Stainless Steel Acrylic Glass	This product shows tampering when removal is attempted by leaving a void pattern on the application surface.	ASTM D 903 (Modified for 72 hr dwell time)
Expected Shear (hours)	100 +	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (gm)	700	ASTM D 2979

** For guidance only, not to be used for setting specifications. Due to the custom nature of this product, the data presented are based on three or less production runs.

EXPECTED EXTERIOR LIFE	Film: Two years, White Coating: Turns yellow under sunlight
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 stored at 70°F (21°C) and 50% RH

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