



Providing Solutions in Pressure Sensitive Films

Product Construction Sheet

THERMLfilm® SELECT™ 21944E

GENERAL DESCRIPTION:

This is a topcoated thermal transfer printable white polyester film coated with a permanent pressure sensitive acrylic adhesive and backed with a white glassine 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.

PRODUCT DATA	VALUE	TEST METHOD
--------------	-------	-------------

PHYSICAL PROPERTIES

Thickness (micron)	Film: 50	+/- 10 %	ASTM D 3652
	Adhesive: 20-23	+/- 3	
	Liner: 56	+/- 10 %	

Dimensional Stability (%)	No shrinkage observed	On Al panel at 70`C for 24 hr.
---------------------------	-----------------------	--------------------------------

ADHESION PROPERTIES**

Adhesion from (N/m)	Average		
Stainless Steel	737	FTM 1 (Modified for 72 hr dwell time)	
Acrylic	781		
Glass	759		
Polypropylene	528		
Expected Shear (hours)	100 +	FTM 8	
Tack (gm/sq cm)	540	400 - 700	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.

CHEMICAL RESISTANCE

Test Method: ASTM D 896 (All testing at RT., five cycles, ten minutes in solvent, thirty minutes recovery on SS panel (24 hour recovery after last cycle) vs. 72 hour on SS panel at RT. (24 hr dwell time on SS panel before immersion)

Windex	No visual change, 10% adhesion loss
Isopropyl Alcohol	No visual change, 10% adhesion loss
Gasoline	Edge penetration, 20% adhesion loss

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.

