

# Product Construction Sheet

FLX000282 - FLEXcon® COMPUcal® EXCEL™ 20440

**GENERAL DESCRIPTION:**

This is matte topcoated thermal transfer, laser and dot matrix printable clear polyester film coated with a permanent pressure sensitive acrylic adhesive backed with a semi-bleached kraft release liner.

**UL RECOGNITION:**

This product is UL recognized. For further information, please reference FLEXcon's UL file number MH16635 (N) or contact your FLEXcon Representative.

PRODUCT DATA	VALUE	TEST METHOD
<b>PHYSICAL PROPERTIES</b>		
Thickness mil (micron)	MTC + Film: 2.1 (531) +/- 10 % Adhesive: 0.8-0.9 (20-23) +/- 0.1 (3) Liner: 3.1 (79) +/- 10 %	ASTM D 3652 (Modified for use with non-tape product)
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	55 (605)	ASTM D 903 (Modified for 72 hr. dwell time)
Acrylic	77 (847)	
Glass	68 (748)	
Polypropylene	15 (165)	
Expected Shear (hours)	30	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	1030	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	Two years
SERVICE TEMPERATURE RANGE	-40°F to 302°F (-40°C to 150°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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**Product Performance and Suitability**

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