



Product Construction Sheet

FLX054119 - FLEXcon® THERMLfilm® NEXgen™ 22120

GENERAL DESCRIPTION:

This is a topcoated thermal transfer printable metalized silver 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 PGJI2.MH16635 or contact your FLEXcon representative.

PRODUCT DATA	VALUE	TEST METHOD
PHYSICAL PROPERTIES		
Thickness	Film: 2.0 (51) +/- 10 %	ASTM D 3652
mil (micron)	Adhesive: 0.9-1.0 (23-25) +/- 0.1 (3)	
	Liner: 3.1 (79) +/- 10 %	
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 (gm)	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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