



Product Construction Sheet

FLX000311 - FLEXcon® DPM® Poly Clear

GENERAL DESCRIPTION:

This is a print receptive clear polyester film coated with a permanent pressure sensitive acrylic adhesive backed with a semi-bleached kraft liner.

UL RECOGNITION:

This product is UL recognized. For further information, please reference FLEXcon's UL file number PGGU2.MH10170 or contact your FLEXcon representative.

PRODUCT DATA	VALUE	TEST METHOD
PHYSICAL PROPERTIES		
Thickness mil (micron)	Film: 2.0 (51) +/- 10 %	ASTM D 3652 (Modified for use with non-tape product)
	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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07/22/2014

Product Performance and Suitability

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