



Product Construction Sheet

FLX000468 - FLEXcon® THERMLfilm SELECT® 21970

GENERAL DESCRIPTION:

This is a topcoated thermal transfer printable white polyester film coated with a permanent pressure sensitive acrylic adhesive backed with a semi-bleached kraft release liner which has been coated on backside with Quilon® to prevent label pick-off.

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 (Modified for use with non-tape product)
mil (micron)	Adhesive: 1.9-2.1 (48-53) +/- 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)	TEST METHOD
Stainless Steel	104 (1144)	ASTM D 903 (Modified for 72 hr dwell time)
Acrylic	112 (1232)	
Glass	118 (1298)	
Polypropylene	22 (242)	
Expected Shear (hours)	100	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (gm)	1520	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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Quilon is a registered trademark of Zaclon LLC

06/29/2015

Product Performance and Suitability

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