



# Product Construction Sheet

FLX009629 - FLEXcon® THERMLfilm SELECT® 21860  
(Topcoated 2.0 mil white polyester with L-156 adhesive on Quilon® coated kraft liner)

## 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. This product is not recommended for fan-fold application.

## UL RECOGNITION:

This product is UL recognized for indoor and outdoor use. For further information, please reference FLEXcon's UL file No PGJI2.MH16635 or contact your FLEXcon representative.

PRODUCT DATA	VALUE	TEST METHOD
<b>PHYSICAL PROPERTIES</b>		
Thickness	Film: 2.0 (51) +/- 10 %	ASTM D 3652 (Modified for use with non-tape product)
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	76 (836)	ASTM D 903 (Modified for 72 hr dwell time)
Acrylic	110 (1210)	
Glass	88 (968)	
Polypropylene	7 (77)	
Expected Shear (hours)	10	ASTM D 3654 Method A (1 hr dwell, 1 sq. in, 4 lb. load)
Tack (gm)	650	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	32°F (0°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

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## 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.