

Product Construction Sheet

THERMLfilm CHEMgard II MM 200 S MTC-410 L-778 (1.4-1.5) 40W GL DF 9/7

GENERAL DESCRIPTION:

A matte top-coated silver coloured metalized polyester film, coated with a permanent high tack acrylic adhesive , backed with a double sided siliconized glassine liner (adhesive coated on the free release side)

PRODUCT DATA		VALUE	TEST METHOD
PHYSICAL PROPERTIES			
Thickness (micron)	Film	50 +/- 10 %	ASTM D 3652
	Adhesive	35-38 +/- 3	
	Liner	55 +/- 10%	
Dimensional Stability (%)	Machine Direction	No shrinkage observed	On AL panel at 70°C for 24 hr.

ADHESION PROPERTIES**

Adhesion from (N/25mm)	Average	
Stainless Steel	26	FTM 1 (72 hr dwell time)
Glass	28	
Acrylic	26	
PP	30	
Expected Shear (Hours)	100	FTM 8
Tack (gm/sq cm)	948	ASTM D 2979

UL RECOGNITION:

This product is UL recognized for indoor/outdoor use with occasional exposure to lubricating oil and water. For further information, please reference FLEXcon's UL file No MH16635 (N) or contact your FLEXcon Representative.

*** For guidance only

This data is based on limited test results on adhesive coat weight of: 36 micron micron. Due to the custom nature of this product, not to be used for setting specifications.

EXPECTED EXTERIOR LIFE	2 years. Matte coating turns yellow under sunlight
SERVICE TEMPERATURE RANGE	-40°C to 150°C
MINIMUM APPLICATION TEMPERATURE	10°C
STORAGE STABILITY	Two years stored at 21°C and 50% RH

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Product Performance and Suitability

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