

Transportation

Nameplate / Decorative

*End Use Application:
Nameplate / Decorative*

*Market:
Automotive*

*For more information on
FLEXcon's
pressure-sensitive film
solutions for nameplate /
decoration labeling
applications, contact your
local Sales Representative
or our Product Identification
Business Team at (508)
885-8300.*

Product ID #: FLX051249



Product:

**Flexcon®
ThermiFilm® MM 500 BBStainless
TC-390 V-606 Spec 50K/Q-7 (1.9-2.1)**

Benefits:

- 5.0 mil gloss topcoated bright brushed silver polyester film offers good durability
- Topcoat resists smudging and abrasion when printed with resin and wax/resin thermal transfer ribbons
- Permanent acrylic adhesive offers medium tack, high shear and excellent adhesion to a variety of metal and plastic surfaces, including polypropylene, polyethylene, PORON® and Kushon® cellular rubber products
- Backed with a 50 lb. semi-bleached kraft release liner that is Quilon®* coated to prevent label pickoff†

*PORON® is a registered trademark of Rogers Corporation. Kushon® is a registered trademark of Griswold Products, LLC.

† Quilon® is a registered trademark of Zaclon LLC.

Flexcon®
ThermIFilm® MM 500 BBStainless
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PRODUCT DATA	VALUE	TEST METHOD
Physical Properties		
Thickness (Mils[microns])	Film	5.0 (127) +/- 10%
	Adhesive	1.9-2.1 (48-53) +/- 0.2 (5)
	Liner	3.2 (81) +/- 10%
Dimensional Stability (%)	No Shrinkage Observed	ASTM D 3652 (Modified for use with non-tape products) Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C)
Adhesion Properties		
Ultimate Peel from	Average	ASTM D 903 (Modified for 72 hour dwell time)
	Oz/In (N/m)	
Acrylic	128 (1408)	
Glass	143 (1573)	
Polypropylene	24 (264)	
Stainless Steel	120 (1320)	
Expected Shear		ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load
Room Temp (hours)	50	
Tack (gm/sq cm)	1660	ASTM D 2979
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 when stored at 70°F (21°C) and 50% relative humidity	

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.

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