

# Aerospace

.002" (2.0 Mil) Roll Form Laminating Adhesive  
with Flame-Retardant Adhesive

*Aerospace applications include:*

- floor coverings
- textiles (draperies & upholstery)
- seat cushions
- padding
- trays
- electrical conduits
- air ducting
- cargo covers

*For more information on FLEXcon's pressure-sensitive film solutions for aerospace, contact your local Sales Representative or our Performance Products Business Team at (508) 885-8440.*

*Product ID #: FLX068228*



Product:

**Flexcon®  
FlexMount® L-59FR 068228  
(2.0 Mil Transfer Tape,  
Double 50# Liner)**

Benefits:

- 2.0 mil white flame-retardant non-halogenated adhesive
- Adhesive adheres well to acrylic, polypropylene, stainless steel, polyethylene, and glass
- Product is ideal for smooth surfaces applications
- Backed with two 50 lb. semi-bleached white kraft release liners ideal for roll-to-roll converting
- FlexMount® L-59FR products at a 2.0 mil to 4.0 mil adhesive thickness are rated UL 94 V-0 when bonded to 2.0 mil polyimide and 2.0 mil aluminum foil (UL E518655)
- FlexMount® L-59FR products at a 2.0 mil adhesive thickness pass the following test standards:  
Vertical 60 sec burn: FAR 25.853 (a) Appendix F, Part I, (a), 1, (i);  
Vertical 12 sec burn: FAR 25.853 (a) Appendix F, Part I, (a), 1, (ii);  
Heat Release: FAR 25.853 (d) Appendix F, Part IV; Smoke Density: FAR 25.853 (d) Appendix F, Part V; Toxicity Test: BSS 7239



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PRODUCT DATA	VALUE	TEST METHOD
<b>Physical Properties</b>		
Thickness (Mils[microns])	50K-6	3.1 (79) +/- 10%
	Adhesive	1.9-2.1 (48-53) +/- 0.1 (3)
	Spec 50K-9	3.1 (79) +/- 10%
Expected Shear		ASTM D 3652 (Modified for use with non-tape products)
Room Temp (hours)	100	ASTM D 3654 Method A
Tack (gm/sq cm)	980	a. 1 hr. dwell
Flammability	See other side for information	b. 1 sq. in. surface
Expected Exterior Life	Depends on substrate, adhesive is suitable for outdoor use	c. 4 lb. load
Service Temperature Range	-40°F to 302°F (-40°C to 150°C)	
Minimum Application Temperature	50°F (10°C)	ASTM D 2979
Storage Stability	Two years when stored at 70°F (21°C) and 50% relative humidity	

For guidance only - the data are based on three or less production runs.

[For the Complete Product Data View Featuring ASTM D 3330 Adhesion Results](#)

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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.

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