

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 #: FLX068231



Product:

**Flexcon®
FlexMount® L-59FR 068231
(2.0 Mil Transfer Tape,
55# Liner)**

Benefits:

- 2.0 mil white flame-retardant adhesive
- Adhesive adheres well to acrylic, polypropylene, stainless steel, polyethylene, and glass
- Product is ideal for smooth surfaces applications
- Backed with a 55 lb. semi-bleached white kraft differential release liner 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
Physical Properties		
Thickness (Mils[microns])	Adhesive	1.9-2.1 (48-53) +/- 0.1 (3)
	Liner	3.2 (81) +/- 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.

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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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