

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 non-halogenated 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.

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

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Product Performance and Suitability

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