FLEXcon® L-59FR SERIES



FLEXmark® L-59FR Coated Films and FLEXmount® L-59FR Transfer Tapes

Self-Extinguishing - FLEXcon's L-59FR portfolio consists of flame retardant pressure-sensitive adhesive component materials.

Non-halogenated - Products contain an adhesive free from elements such as chlorine, fluorine, bromine, iodine, and astatine, which may emit toxic fumes when burned.

Diverse Portfolio - Choose from coated films or transfer tapes.

FLEXmark® L-59FR	FILM		ADHESIVE		LINER
Flame-Retardant Adhesive Coated Films	2.0 mil Polyimide	2.0 mil Aluminum Foil	2.0 mil Coating Thickness	4.0 mil Coating Thickness	Single 50# Liner
FLEXmark® L-59FR 068347 2.0 mil Polyimide, 2.0 mil Adhesive	•		•		•
FLEXmark® L-59FR 068876 2.0 mil Polyimide, 4.0 mil Adhesive	•			•	•
FLEXmark® L-59FR 068348 2.0 mil Foil, 2.0 mil Adhesive		•	•		•
FLEXmark® L-59FR 068878 2.0 mil Foil, 4.0 mil Adhesive		•		•	•

- Polyimide and aluminum foil provide excellent dimensional stability with a maximum service temperature of 302°F (150°C)
- White flame-retardant acrylic adhesive with either a 2.0 mil or 4.0 mil adhesive thickness
- FLEXmark® L-59FR products at a 2.0 mil to 4.0 mil adhesive thickness are rated UL 94 V-0 when coated on 2.0 mil polyimide and 2.0 mil aluminum foil. (UL File E518655)
- FLEXmark® L-59FR products at a 2.0 mil adhesive thickness on 2.0 mil polyimide and 2.0 mil aluminum foil pass the following test standards:
 - ∘ FMVSS 302
 - **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 1, (a), 1, (ii)
 - Heat Release: FAR 25.853 (d) Appendix F, Part IV
 - Smoke Density: FAR 25.853 (d) Appendix F, Part V
 - o Toxicity Test: BSS 7239

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FLEXmount® L-59FR	ADHESIVE LINER				
Flame-Retardant Adhesive Transfer Tapes	2.0 mil Coating Thickness	4.0 mil Coating Thickness	Single 55# Liner	Single 84# Liner	Double 50# Liner
FLEXmount® L-59FR 068231 2.0 mil Transfer Tape, 55# Liner	•		•		
FLEXmount® L-59FR 068345 2.0 mil Transfer Tape, 84# Liner	•			•	
FLEXmount® L-59FR 068228 2.0 mil Transfer Tape, Double 50# Liner	•				•
FLEXmount® L-59FR 068874 4.0 mil Transfer Tape, 84# Liner		•		•	
FLEXmount® L-59FR 068879 4.0 mil Transfer Tape, Double 50# Liner		•			•

- White flame-retardant acrylic adhesive with either a 2.0 mil or 4.0 mil adhesive thickness
- Choose from single-liner (self-wound) or double-liner constructions
- FLEXmount® L-59FR products at a 2.0 mil to 4.0 mil adhesive thickness have been rated UL 94 V-0 when coated on 2.0 mil polyimide and 2.0 mil aluminum foil. (UL File 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 1, (a), 1, (ii)
 - Heat Release: FAR 25.853 (d) Appendix F, Part IV
 - o Smoke Density: FAR 25.853 (d) Appendix F, Part V
 - Toxicity Test: BSS 7239



Capabilities



Research & Development

- Product Design
- Lab Prototyping
- Custom Testing
- Formulation
- Chemistry Modification
- Custom Mixing
- Technical Service
- Application Development Engineers



Coating

- Adhesive Coating
- Topcoating
- ISO Class 7 Cleanroom
- Adhesive Thickness Range from 0.5 mil to 4.0 mil
- Single- and Doublesided Coating
- Zone Coating



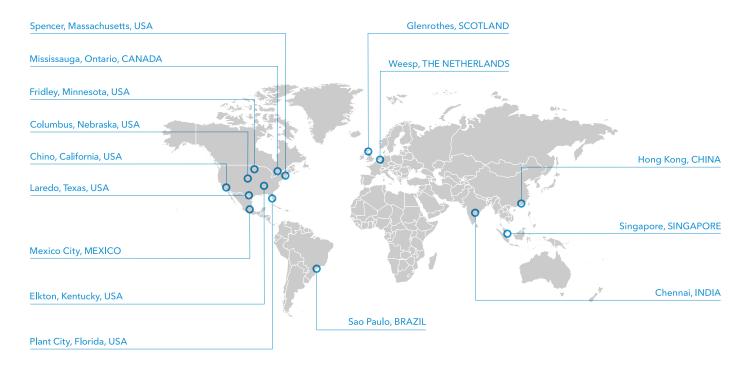
Laminating

- Multilayer Laminations
- Heat Laminations
- Cold Laminations
- Heat Seal Laminations



Finishing

- Slitting
 Cut Sizes from 4" to
 60" Wide
- Sheeting Sheets 8" to 102" Long
- Custom Packaging
- Rewinding & Splicing



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