

# 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
	2.0 mil Polyimide	2.0 mil Aluminum Foil	2.0 mil Coating Thickness	4.0 mil Coating Thickness	Single 50# Liner
<b>FLEXmark® L-59FR 068347</b> 2.0 mil Polyimide, 2.0 mil Adhesive	●		●		●
<b>FLEXmark® L-59FR 068876</b> 2.0 mil Polyimide, 4.0 mil Adhesive	●			●	●
<b>FLEXmark® L-59FR 068348</b> 2.0 mil Foil, 2.0 mil Adhesive		●	●		●
<b>FLEXmark® L-59FR 068878</b> 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
  - **Toxicity Test:** BSS 7239



FLEXmount® L-59FR	ADHESIVE		LINER		
	2.0 mil Coating Thickness	4.0 mil Coating Thickness	Single 55# Liner	Single 84# Liner	Double 50# Liner
<b>FLEXmount® L-59FR 068231</b> 2.0 mil Transfer Tape, 55# Liner	●		●		
<b>FLEXmount® L-59FR 068345</b> 2.0 mil Transfer Tape, 84# Liner	●			●	
<b>FLEXmount® L-59FR 068228</b> 2.0 mil Transfer Tape, Double 50# Liner	●				●
<b>FLEXmount® L-59FR 068874</b> 4.0 mil Transfer Tape, 84# Liner		●		●	
<b>FLEXmount® L-59FR 068879</b> 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
  - **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 Double-sided 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

Spencer, Massachusetts, USA

Glenrothes, SCOTLAND

Mississauga, Ontario, CANADA

Weesp, THE NETHERLANDS

Fridley, Minnesota, USA

Columbus, Nebraska, USA

Chino, California, USA

Hong Kong, CHINA

Laredo, Texas, USA

Singapore, SINGAPORE

Mexico City, MEXICO

Chennai, INDIA

Elkton, Kentucky, USA

Sao Paulo, BRAZIL

Plant City, Florida, USA

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