



FILM ADHESIVES SELECTION GUIDE

PRODUCT	DESCRIPTION	NOMINAL CURE TEMP F° (C°) / TIME	COLOR	APPLICATION	MISC.
LC-E220	Modified Epoxy	250° (121°) / 60 min	Cream	Bonding metals, composites, various substrates, honeycomb structures. Radomes, Solar Arrays, Antennas	
LC-E221	Flame Retardant Modified Epoxy	250° (121°) / 60 min	Cream	Bonding metals, composites, various substrates, honeycomb structures	FAR 25.853a
LC-E221ET	Flame Retardant Modified Epoxy	250° (121°) / 60 min	Cream	Bonding metals, composites, various substrates, honeycomb structures	FAR 25.853a Elevated Tg vs. LC-E221
LC-E221QC	Flame Retardant Modified Epoxy Quick Cure	260° (126°) / 20 min	Cream	Bonding metals, composites, misc. substrates, honeycomb structures, with reduced process time	FAR 25.853a Accelerated Cure Cycle vs LC-E221
LC-E222	Toughened Flame Retardant Modified Epoxy	250° (121°) / 20 min	Cream	Bonding metals, composites, various substrates, honeycomb structures. Excellent for high impact areas	FAR 25.853a
LC-E223	Modified Epoxy / Optically Clear	250° (121°) / 60 min	Clear/ Black Tint	Cosmetic parts requiring high clarity	
LC-E224	Toughened Flame Retardant Modified Epoxy Low Temp Cure	175° (79°) / 360 min	Cream	Bonding metals, composites, various substrates, honeycomb structures. Excellent for high impact areas	FAR 25.853a
LC-E225	Toughened Modified Epoxy	250° (121°) / 60 min	Cream	Bonding metals, composites, various substrates, honeycomb structures. Excellent for high impact areas	
LC-E227	Modified Epoxy / Elevated Temp Aluminum Filled	350° (176°) / 60 min	Grey	Bonding metal to metal Excellent for continuous 350° (176°). service temp	
LC-E229	Flame Retardant Modified Epoxy	250° (121°) / 60 min	Cream	Bonding metal(s), composites, misc. substrates, honeycomb structures	FAR 25.853a MMM-A-132B
LC-E232	Modified Epoxy Core Splice	250° (121°) / 60 min	Blue Tint	Core splice and edge close out Expansion ratio of 2-3 times	FR version available
LC-E233	Modified Epoxy / Optically Clear Low Temp Cure	175° (79°) / 360 min	Clear/ Black Tint	Cosmetic parts requiring high clarity	FR version available
LC-E234FA	Modified Epoxy / Elevated Temperature	350° (176°) / 60 min	Cream	Bonding honeycomb structures requiring elevated service temperature	Film adhesive available
LC-E237/8G	Flame Retardant Modified Epoxy Surfacing Film	250° (121°) / 60 min	Grey	Flat or contour parts requiring excellent surface finish 350° (176°) curing available	Various colors available FAR 25.853a
LC-E239	Modified Epoxy / Optically Clear	250° (121°) / 60 min	Clear/ Black Tint	Automotive & Sporting Goods requiring high clarity Curing from 150° (65°) to 390° (198°)	FR version available

NOTES:

- Various colors available upon request
- Film adhesives can be supplied supported or unsupported with various substrates
- Additional cure cycles available
- Various weights available upon request
- Low, medium and high tack available in most cases

To order, please contact our Customer Service Team at myorder@freemansupply.com.