



# Choosing the right ALPHA® Liquid Soldering Flux for Your Selective Soldering Application

The right Alpha advanced liquid soldering flux will add value to your selective soldering process, enabling increased throughput and yield.



Identify the conditions that most closely represent your selective soldering process and choose the ALPHA® Liquid Soldering Flux that would be the best fit for you. Detailed information on each flux can be accessed on our website: [alpha.alent.com](http://alpha.alent.com).

### LEGEND

- FS** = Flux Solids, mg/cm<sup>2</sup>
- PH** = Pre-Heat, °C
- Green Numbers** = Optimum Settings

1.6mm Board						
	FLUX #	PROCESS GUIDELINES	FLUX #	PROCESS GUIDELINES	FLUX #	PROCESS GUIDELINES
5	EF2210	FS310, PH70	EF5601	FS190-250, PH70-130	EF2210	FS190, PH70-130
	EF6000	FS190-310, PH70-130	EF6000	FS190-310, PH70-130	EF5601	FS190-310, PH70-130
	EF6100	FS310, PH70	EF6100	FS190-310, PH70-130	EF6000	FS190-310, PH70-130
	EF6103	FS190-310, PH70-130	EF6103	FS190-310, PH70-130	EF6100	FS190-310, PH70-130
	EF8000	FS310, PH70-130	EF6850HF	FS310, PH70	EF6103	FS190-310, PH70-130
3.5			EF8000	FS310, PH70-130	EF6850HF	FS190-310, PH70-130
			EF9301	FS190, PH130, or; FS310, PH70	EF8000	FS190-310, PH70-130
					EF9301	FS190-310, PH70-130
	EF2210	FS310, PH70	EF2210	FS310, PH70	EF2210	FS190, PH130
	EF6000	FS310, PH70-130	EF6000	FS190-310, PH70-130	EF5601	FS190-250, PH110-130
2	EF6103	FS310, PH70-130	EF6100	FS310, PH70-130	EF6000	FS190-310, PH70-130
	EF8000	FS310, PH70	EF6103	FS190-310, PH70-130	EF6100	FS190-310, PH70-130
			EF8000	FS310, PH70-130	EF6103	FS190-250, PH100-130
					EF6850HF	FS190-310, PH70-130
					EF8000	FS190-310, PH70-130
				EF9301	FS310, PH70-100	
	EF2210	FS310, PH70	EF2210	FS310, PH70	EF6000	FS190-310, PH70-130
	EF6000	FS310, PH70-130	EF6000	FS310, PH70-130	EF6100	FS190, PH130, or; FS310, PH70
	EF6103	FS310, PH70-130	EF6103	FS310, PH70-130	EF6103	FS190, PH130
				EF6850HF	FS190, PH70-130	
				EF8000	FS310, PH70	
		280		295		310

These are general guidelines which have proven to yield excellent results; however, depending upon your equipment, components, and circuit boards, your optimal settings may be different.

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2.4mm Board						
	FLUX #	PROCESS GUIDELINES	FLUX #	PROCESS GUIDELINES	FLUX #	PROCESS GUIDELINES
5	EF6000	FS190, PH130	EF6000	FS190-290, PH100-130	EF2210	FS190, PH70
	EF6103	FS310, PH130	EF6100	FS190, PH130	EF6000	FS190-310, PH70-130
	EF8000	FS310, PH70	EF6103	FS190-310, PH100-130	EF6100	FS190-310, PH70-130
3.5	N/A		EF6000	FS190, PH130	EF6000	FS190-310, PH70-130
	N/A		EF6103	FS190, PH130	EF6100	FS190-310, PH70-130
	N/A				EF6103	FS190, PH100-130
2	N/A				EF6850HF	FS190-310, PH70-100
	N/A				EF8000	FS310, PH70
	N/A				EF6000	FS190-250, PH130
				EF6100	FS190-250, PH130	
				EF6103	FS190, PH130	
				EF6850HF	FS190, PH70	
	280		295		310	

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