

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.

1.6MM BOARD

		FLUX #	PROCESS GUIDELINES	FLUX #	PROCESS GUIDELINES	FLUX #	PROCESS GUIDELINES	
Solder Contact Time, seconds	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	
			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
	3.5	EF2210	FS310, PH70	EF2210	FS310, PH70	EF2210	FS190, PH130	
		EF6000	FS310, PH70-130	EF6000	FS190-310, PH70-130	EF5601	FS190-250, PH110-130	
		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		
	2	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				
		Solder Pot Temperature, °C						

LEGEND
FS = Flux Solids, mg/cm ²
PH = Pre-Heat, °C
Green Numbers = Optimum Settings

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.



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.

2.4MM BOARD

		FLUX #	PROCESS GUIDELINES	FLUX #	PROCESS GUIDELINES	FLUX #	PROCESS GUIDELINES	
Solder Contact Time, seconds	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	NA			EF8000	FS250-310, PH70-100	EF6103	FS190-310, PH70-130
							EF6850HF	FS190-250, PH70-130
							EF8000	FS190-310, PH70-130
					EF6000	FS190, PH130	EF6000	FS190-310, PH70-130
					EF6103	FS190, PH130	EF6100	FS190-310, PH70-130
							EF6103	FS190, PH100-130
	2	NA					EF6850HF	FS190-310, PH70-100
							EF8000	FS310, PH70
							EF6000	FS190-250, PH130
						EF6100	FS190-250, PH130	
				EF6103	FS190, PH130			
				EF6850HF	FS190, PH70			
		280		295		310		
		Solder Pot Temperature, °C						

LEGEND
FS = Flux Solids, mg/cm ²
PH = Pre-Heat, °C
Green Numbers = Optimum Settings

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.



For more information about ALPHA® Liquid Soldering Flux, please contact your Alpha Representative.

AlphaAssembly.com

Global Headquarters
300 Atrium Drive
Somerset, NJ 08873
USA
Tel: +1-814-946-1611

©2016 Alpha
Issued 8/16
SM1134

European Headquarters
Unit 2, Genesis Business Park
Albert Drive, Woking, Surrey, GU21 5RW
UK
Tel: +44 (0) 1483 758400

Asia/Pacific
8/F, Paul Y. Centre, 51 Hung To Road
Kwun Tong, Kowloon
Hong Kong
Tel: 852-3190-3100