


SELECTION GUIDE FOR SOLDERING FLUXES

		LIQUID FLUX										
		Appearance	Acid No (mg/KoH/g)	Flash Point	Solid Content wt/wt	Specific Gravity @25 °C	Ph,5% V/V aqueous Solution	Shelf Life	ROHS	HALO Free/ Halide Free	IPC-J-STD-004 Designation	Recommendations
FLUX HF9000	Physical Properties	Clear light amber	21	17 °C	4.0%	0.793	2.8	3 Years	YES	YES	ROLO	Wave soldering / Select soldering
FLUX JP900		Pale Amber Liquid	18	13 °C	3.9%	0.793	3.4	3 Years	YES	NO	ROLO	Wave soldering / Select soldering
FLUX LS4500		Clear pale yellow Liquid	17	12 °C	2.0%	0.790	3.3	3 Years	YES	YES	ROLO	Wave soldering / Select soldering
FLUX GF6300		Clear light amber	22	12 °C	3.6%	0.796	3.3	3 Years	YES	NO	ROLO	Wave soldering / Select soldering
FLUX GF8910		Clear pale yellow Liquid	34	17 °C	6.0%	0.799	3.1	3 Years	YES	NO	ROLO	Wave soldering / Select soldering
Zero Halogen ,Zero Halide Flux		Clear pale yellow Liquid	19	14 °C	5%	0.793	3.4	3 Years	YES	YES	ORLO	Wave soldering / Select soldering
WS 900 (Water soluble Flux)		Water White	19	>13 °C	15%	1.02	7.0	3 Years	YES	NO	ORH1	Wave soldering / Select soldering
Battery Flux		Clear Brown Liquid	145	29 °C	45%	1.046	2.34	3 Years	NO	NO	ORH1	Cast on Strap
Solar PV Flux		Pale Yellow Liquid	15	14 °C	2%	0.803	5.0	3 Years	YES	YES	ORLO	Photo voltaic ribbon
Rosin Flux		Light Amber liquid	25	14 °C	15%	0.825	5.0	3 Years	YES	NO	ROLO	Dip /Selective
SS FLUX		Pale Yellow Liquid	35	None	12%	1.500	1	3 Years	YES	NO	ORH1	Stainless sodlering
Hot Air Leveling Flux		Yellow Liquid	15	270 °C	5%	1.03	2.8	3 Years	NO	NO	ORH1	PCB manufacturing
Radiator Flux		Clear, Colorless Liquid	25	None	15%	1.2	1	3 Years	NO	NO	ORH1	Copper & Brass Radiators