

ELSOLD® Solder Paste

ELSOLD® solder paste particularly stands out due to excellent wetting behaviour over a wide range of temperature profiles. At the same time, the solder paste not only has best slump characteristics but also excellent adhesion. Storage and durability is not critical because it is a special and modified synthetic material. Further advantages: minimal shrink-

ing, high printing speeds, high activity on all surfaces, useful for high speed printing. Repeatability, constant and excellent printing results, PCB by PCB.

ELSOLD® solder paste is suitable for closed rakel systems as well as for Fine Pitch printing.

• ELSOLD® Solder Paste with lead

Alloy	Metal content [%]	Powder size [µm]	Melting range [°C]	Packaging	Weight [g]	Flux type	Order number
Sn63Pb37	90	25-45	183	Cartridge	1200	SM-388	EL07 0352
Sn63Pb37	90	25-45	183	Can	250	NWS-4200	EL07 0485
Sn63Pb37	90	25-45	183	Can	500	AP-10	EL07 0348
Sn63Pb37	90	25-45	183	Cartridge	600	AP-10	EL07 0503
Sn62Pb36Ag2	87	25-45	179	Syringe	35	AP-10	EL07 0330
Sn62Pb36Ag2	90	25-45	179	Can	250	AP-10	EL07 0502
Sn62Pb36Ag2	90	25-45	179	Cartridge	1200	SM-388	EL07 0002
Sn62Pb36Ag2	87.5	25-45	179	Can	500	AP-10	EL07 0506
Sn62Pb36Ag2	90	25-45	179	Can	500	NC-559 AS	EL07 0404
Sn62Pb36Ag2	88	25-45	179	Can	500	NC-559 AS	EL07 0483
Sn62Pb36Ag2	87	25-45	179	Syringe	100	NC-559 AS	EL07 0482
Sn62Pb36Ag2	90	25-45	179	Can	500	RMA-223 AS	EL07 0428
Sn62Pb36Ag2	90	25-45	179	Can	250	NWS-4200	EL07 0439
Pb92.5Sn5Ag2.5	90	25-45	287-296	Can	250	AP-10	EL07 0507
Sn62Pb36Ag2/Sn63Pb37	90	25-45	179-183	Cartridge	1200	SM-388	EL07 0356

- Flux classification as per DN EN 61190-1-1
- Available powder types: 3 / 4 / 5 / 6 on request
- Various metal levels available depending on the required viscosity

Delivery forms:	Syringes	10 cc / 30 cc
	Cans	250 g / 500 g
	Cartridges	600 g / 1.2 kg
	Pro-Flow Cassettes	750 g

Picture: Solder Paste delivery forms



Syringes and Cartridges



Cans



Pro-Flow Cassettes



Highlight LF Solder Paste AP-20



- Grain size T3 [45µm] up to T6 [15µm]
- non-corrosive residues, halogen-free
- excellent wetting properties in air and nitrogen atmosphere

- stable viscosity for more than 70 days at room temperature
- Tack Time > 48 hours, high thermal stability



• ELSOLD® Solder Paste, lead-free

Alloy	Metal content [%]	Powder size [µm]	Melting range [°C]	Packaging	Weight [g]	Flux type	Order number
Sn96.5Ag3Cu0.5	88	25-45	217-219	Cartridge	1200	SM-388	EL08 0339
Sn96.5Ag3Cu0.5	88	25-45	217-219	Can	500	SM-388	EL08 0333
Sn96.5Ag3Cu0.5	88	25-45	217-219	Can	500	Syntech-LF	EL08 0357
Sn96.5Ag3Cu0.5	87.5	15-25	217-219	Can	500	AP-20	EL08 0016
Sn96.5Ag3Cu0.5	88	05-15	217-219	Can	500	AP-20	EL08 0023
Sn96.5Ag3Cu0.5	88.5	25-45	217-219	Can	500	AP-20	EL08 0011
Sn96.5Ag3Cu0.5	86	25-45	217-219	Syringe	35	SM-388	EL08 0363
Sn96.5Ag3Cu0.5	86	25-45	217-219	Syringe	100	SM-388	EL08 0603
Sn96.5Ag3Cu0.5	88	25-45	217-219	Can	500	AP-20	EL08 0007
Sn96.5Ag3Cu0.5	88	25-45	217-219	Cartridge	1200	SM-388	EL08 0339
Sn96.5Ag3Cu0.5 (MA)	88	20-38	217-219	Can	500	AP-20	EL08 0020
Sn95.5Ag3.8Cu0.7	88	25-45	217	Can	500	SM-388	EL08 0009
Sn99.3Cu0.7	88	25-45	227	Can	500	AP-20	EL08 0508
Sn96.5Ag3Cu0.5 / Bi58Sn42	87	25-45	188-192	Syringe	100	SM-388	EL08 0608
Bi57Sn42Ag1	86.5	25-45	139	Syringe	35	AP-10	EL08 0602

All lead-free alloys are available as ELSOLD® MA® (micro-alloyed)

- Your advantages:**
- fine-grained structure facilitates visual inspection
 - low de-alloying of copper allows lead-free tinning of thin wires and circuit paths, multiple joints and repairs
 - Significant cost saving through low chemical attack on material soldering tips and equipment
 - excellent printing properties, for standard and high speed applications (Chip shooter)



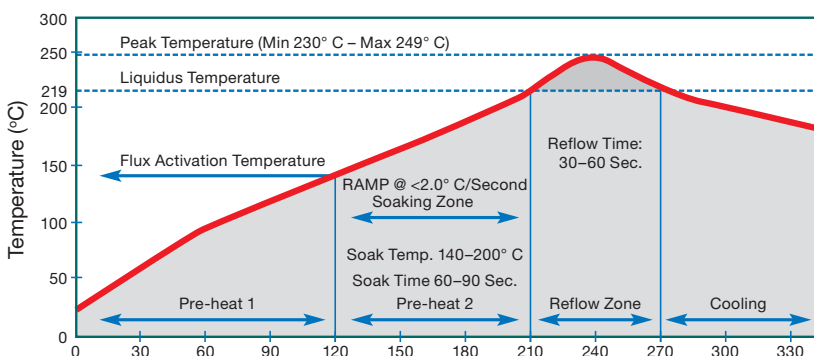
Highlight



LF Solder Paste „Advanced Paste 40“ [AP-40]

- storing at constant room temperature
- stable viscosity for more than 3 months at room temperature
- high durability (open time) for more than 72h at room temperature
- Tack Time > 5 days, at room temperature
- micro alloyed (SAC) SC
- Grain size T3 [45µm] to T6 [15µm]
- non-corrosive residues, halide-free
- excellent wetting properties in air and nitrogen atmosphere

Alloy	Metal content [%]	Powder size [µm]	Melting range [°C]	Packaging	Weight [g]	Flux	
						type	class
Sn96.5Ag3Cu0.5	88	25-45	217-219	*see delivery forms	AP-40	RELO	
Sn96.5Ag3Cu0.5	86	25-45	217-219	*see delivery forms	AP-40	RELO	
Sn96.5Ag3Cu0.5 (MA)	88	20-38	217-219	*see delivery forms	AP-40	RELO	
Sn95.5Ag3.8Cu0.7	88	25-45	217	*see delivery forms	AP-40	RELO	
Sn99.3Cu0.7	88	25-45	227	*see delivery forms	AP-40	RELO	



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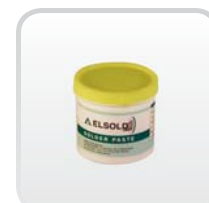
*Delivery forms:

Syringes	10 cc / 30 cc
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Pro-Flow Cassettes	750 g

Picture: Solder Paste delivery forms



Syringes and Cartridges



Cans



Pro-Flow Cassettes

