

ELSOLD® Solid Wires

Modern manufacturing technology, e.g. selective soldering, demands ultimate quality solid wires by using virgin grade base metals. ELSOLD® produces solid wires of highest purity. We guarantee consistent best product quality! Ongoing quality control of each and every production lot is recorded and filed. Our customers including the European Aerospace industry can fully rely on ELSOLD®, we are the only approved supplier of solid soft solder material with ECCS certification. (see page 2 ELSOLD® Certification).

Our modern production process permits the manufacture of all required alloys with or without lead and alloys for low and high temperature and also solder alloys for static baths for soft soldering processes in all areas of the electronic industry.

• ELSOLD® Solid wires with lead

Alloy	Melting Range [°C]	Operation temperature [°C]	Ø [mm]	Weight [ca. kg]	Order number
Sn63Pb37	183	240-260	3	4	EL05 1055
Sn63Pb37P	183	240-260	6	10	EL05 6018
Sn63Pb37P	183	240-260	3	1	EL05 0911
Sn64Pb36P	183	240-260	3	1	EL05 0991
Sn60Pb39.86Cu0.14P (HTF)	183-190	240-260	1.5	1	EL05 0527
Pb95Sn3Ag2P	299-305	> 450	3	1	EL05 0960

The list above shows a selection of our most sought-after products. Of course you can order the alloy you require.

All standard alloys are also available as solid wire

- Diameters available up to 8.0 mm
- Special dimensions available on request
- Standard coil sizes: 250 g / 500 g / 1 kg / 4 kg / 10 kg / 25 kg

Picture: Solid wires with lead delivery forms



4 kg



10 kg



25 kg



Highlight

Solid wire



- all alloys with or without lead
- highest purity, virgin grade
- excellent soldering and wetting properties
- minimal oxides
- minimal dross generation
- also available as micro-alloyed (SAC) SC



• ELSOLD® Lead-free solid wires

Alloy	Melting Range [°C]	Operation temperature [°C]	Ø [mm]	Weight [ca. kg]	Order number
Sn99.3Cu0.7	227	255-285	3	5	EL06 1023
Sn99.3Cu0.7	227	255-285	1.5	1	EL06 1039
Sn99.3Cu0.7 MA	227	255-285	1.5	1	EL06 0006
Sn97Cu3	230-250	255-285	3	5	EL06 0598
Sn97Cu3	230-250	255-285	6	15	EL06 1086
Sn97Ag3	221-232	255-285	2	2.5	EL06 1012
Sn96.5Ag3.5	221	255-285	1.2	2.5	EL06 1067
Sn96.2Ag3.8	221-238	255-285	2	4	EL06 1076
Sn96.5Ag3Cu0.5	217-219	255-285	3	4	EL06 6019
Sn96.5Ag3Cu0.5	217-219	255-285	6	10	EL06 6003
Sn95.8Ag3.5Cu0.7	217	255-285	3	4	EL06 6023
Sn95.5Ag3.8Cu0.7	217	255-285	3	4	EL06 1034
Sn95.5Ag3.8Cu0.7	217	255-285	2	5	EL06 1029

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

- Your advantages:**
- fine-grained structure facilitates visual inspection
 - low erosion of copper allows lead-free tinning of thin wires and circuit paths, multiple joints and repairs
 - Significant cost saving though low chemical attack on material soldering tips and equipment

