

Solder Wire

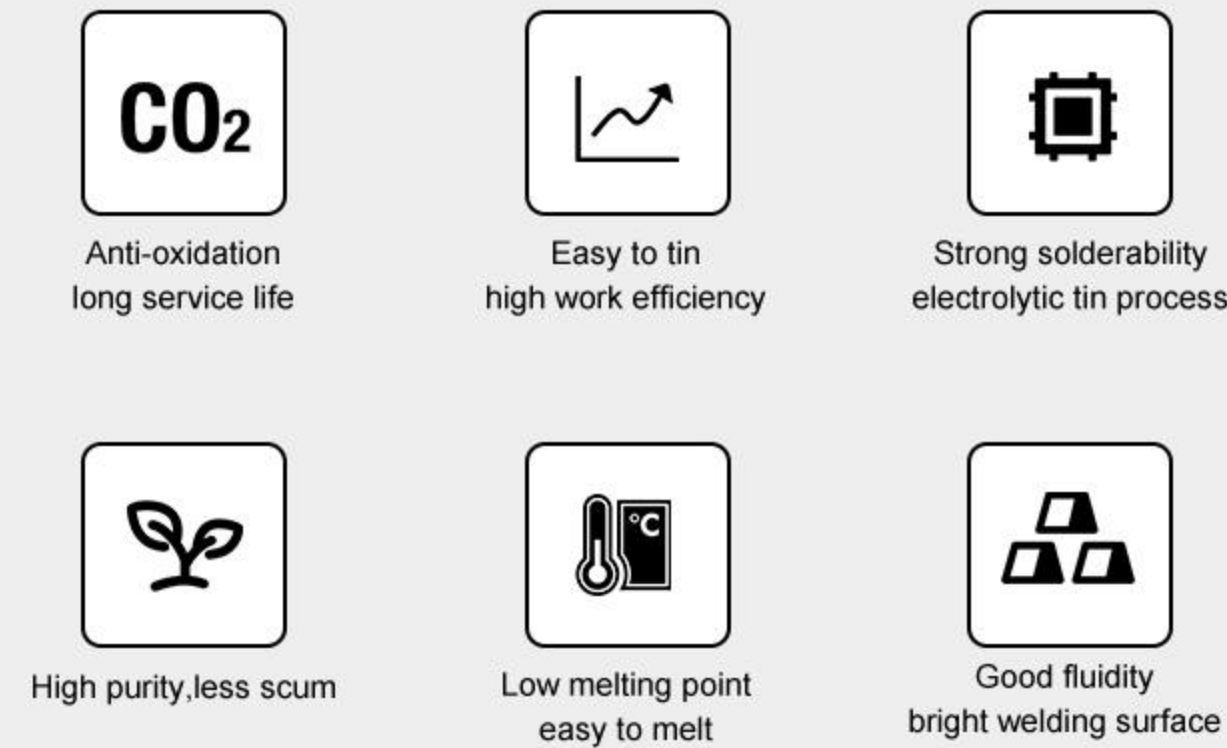
焊锡丝系列



Solder Wire

焊锡丝

NLZD® 牛利



Combined with years of research and practical experience in the production of welding alloys and solid flux, Combining miniaturization and environmental protection with the development direction of the modern electronics industry and the demand for high reliability, the lead-free welding wires produced by the company are :Sn/Cu, Sn/Ag, Sn/Ag/Cu, Sn/Ag/Bi, Sn/Ag/In/Ce, Sn/Sb/Bi and other alloys, which are conducive to lead-free processing.

本公司集多年焊料合金和固态焊剂的研究和实践经验，结合现代电子行业朝小型化与环保发展的方向和高可靠性产品的需求。研制开发出Sn/Cu、Sn/Ag、Sn/Sb、SnBi、Sn/Ag/Cu、Sn/Ag/Bi、Sn/Ag/In/Ce、Sn/Sb/Bi等合金成分的无铅锡丝，从而帮助您顺利的进行无铅化制程。可提供各种规格和各种锡合金含量供客户选择。



型号 Model	成份 Ingredient	熔点℃ Melting point	强度kgf/mm² Strength	扩展率 Extension	润湿性 Wettab
NLA300	Sn-3Ag	221-230	4.7	33	良好Fine
NLA350	Sn-3.5Ag	221-230	4.7	33	良好Fine
NLA400	Sn-4Ag	221-230	4.7	33	良好Fine
NLA007	Sn-0.7Cu	221-230	3.3	/	良好Fine
NLA010	Sn-1Cu	221-230	3.3	/	良好Fine
NLA030	Sn-3Cu	221-230	3.3	/	良好Fine
NLA955	Sn-5Sb	221-230	4.7	38	良好Fine
NLA4258	Sn-58Bi	221-230	7.6	33	良好Fine
NLA0307	Sn-0.3Ag-0.7Cu	221-230	5.3	27	良好Fine
NLA305	Sn-3Ag-0.5C	221-230	5.3	27	良好Fine
NLA405	Sn-4Ag-0.5C	221-230	5.3	27	良好Fine
NLA-100	Sn-100	221-230	1.9	/	良好Fine
NL007N	Sn-0.7Cu-Ni	221-230	3.3	/	良好Fine
NLDW180	Sn-Ag-In-Ce	221-230	/	/	良好Fine
NLGS	Sn-Ag-Cu-Sb	221-230	/	/	良好Fine

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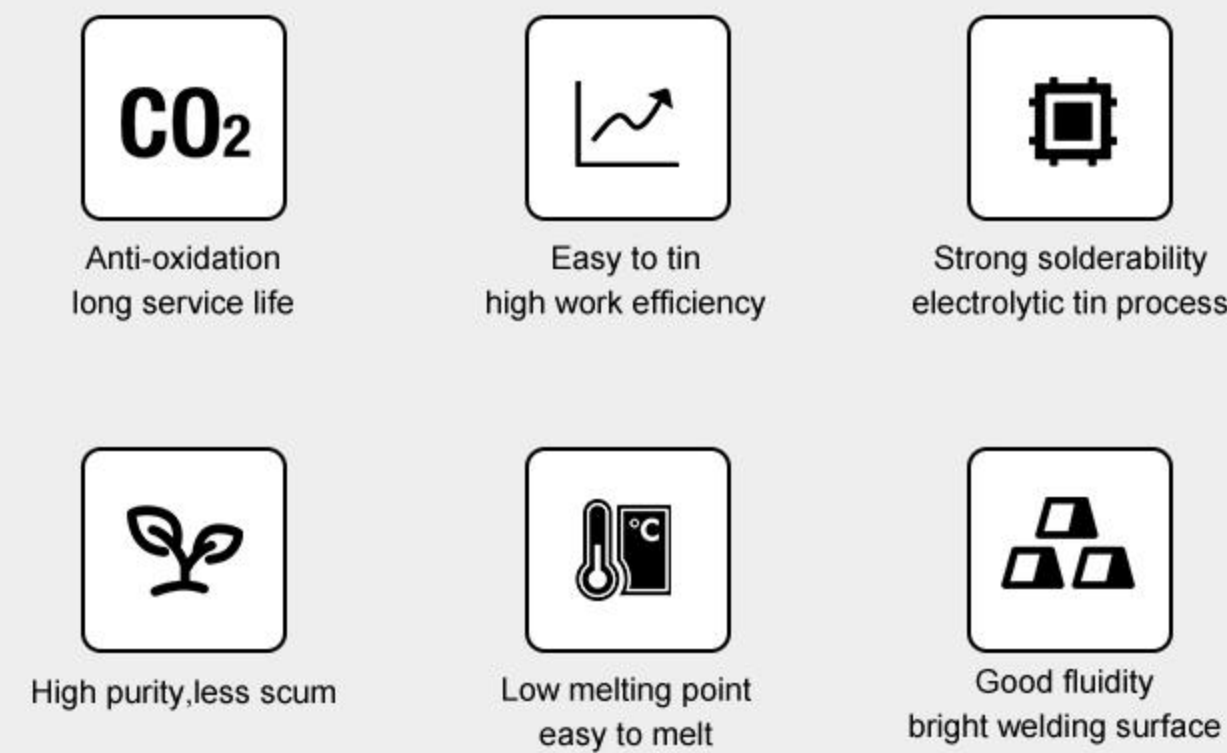
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型号 Model	成份 Ingredient	熔点℃ Melting point	工作温度℃ Working temperature	密度g/cm² Density	主要用途 Main function
63%	63Sn/37Pb	183	240-260	8.4	高抗氧化系列，适合波峰焊焊接，使用于电子工业，通讯，航空等产品的焊接。
60%	60Sn/40Pb	183-190	240-260	8.5	High oxidation resistance series, suitable for wave soldering, used in electronics industry, communication, aviation and other products welding.
A#	55Sn/45Pb	183-203	280-320	8.7	
1#	50Sn/50Pb	183-215	280-320	8.9	高抗氧化系列，适合手浸焊，使用于一般电子产品，家电，电器仪表，一般五金工具的焊接等产品的焊接。
2#	45Sn/55Pb	183-221	280-330	9.1	High oxidation resistance series, suitable for hand dip welding, used in general electronic products, home appliances, electrical instruments, general hardware tools welding and other products.
3#	40Sn/60Pb	185-235	300-340	9.3	
4#	35Sn/65Pb	185-245	300-350	9.5	普通氧化系列，适用于电器，一般五金机械，电器，汽车水箱，电缆接头的焊接。
5#	30Sn/70Pb	185-255	330-360	9.7	General oxidation series, suitable for electrical appliances, general hardware machinery, electrical appliances, car water tank, cable joint welding.
6#	25Sn/75Pb	185-267	330-370	9.9	
7#	20Sn/80Pb	185-279	350-380	10.2	
8#	15Sn/85Pb	230-290	350-390	10.4	
9#	10Sn/90Pb	270-305	350-400	10.6	
10#	5Sn/95Pb	300-330	370-420	10.9	

Solder Bar

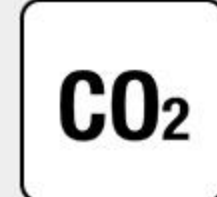
焊锡条系列



Solder Bar

焊锡条

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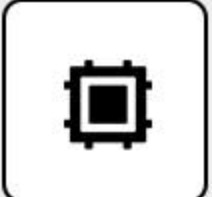


CO₂

Anti-oxidation
long service life



Easy to tin
high work efficiency



Strong solderability
electrolytic tin process



High purity, less scum



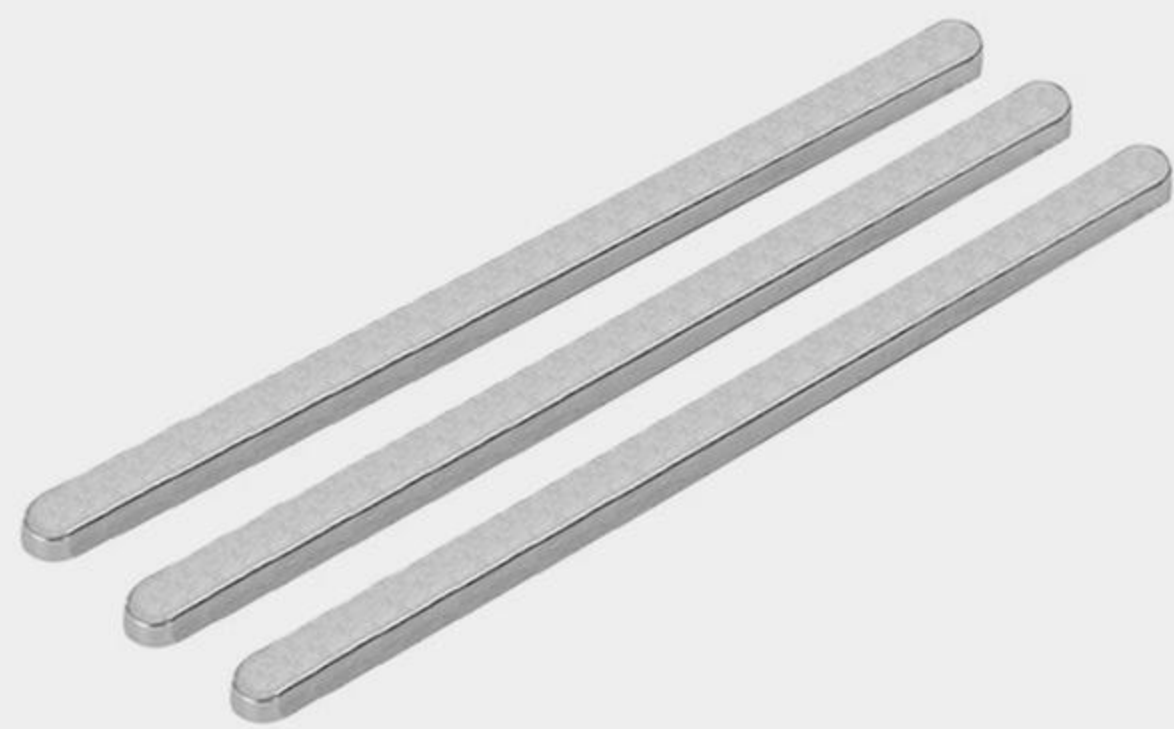
Low melting point
easy to melt



Good fluidity
bright welding surface

Combined with years of research and practical experience in the production of welding alloys and solid flux, Combining miniaturization and environmental protection with the development direction of the modern electronics industry and the demand for high reliability, the lead-free welding wires produced by the company are :Sn/Cu, Sn/Ag, Sn/Ag/Cu, Sn/Ag/Bi, Sn/Ag/In/Ce, Sn/Sb/Bi and other alloys, which are conducive to lead-free processing.

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型号 Model	成份 Ingredient	熔点℃ Melting point	工作温度℃ Working temperature
SnCu0.7	Sn99.3-Cu0.7	227	260-280
Sn99.95	Sn99.95	227	260-280
SnAg0.3Cu0.7	Sn-Ag0.3-Cu0.7	227	260-280
SnAg3.0Cu0.7	Sn-Ag3.0-Cu0.7	227	260-280

Solder Bar

焊锡条系列



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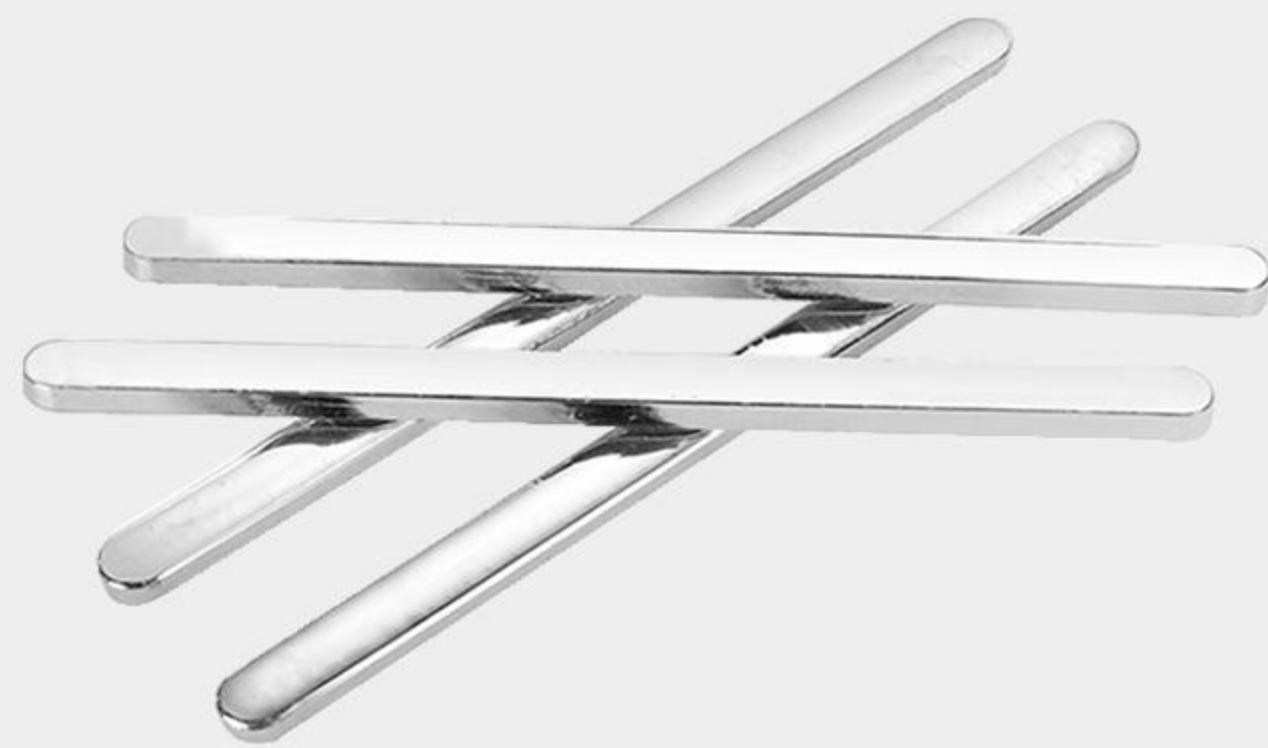
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63%	63Sn/37Pb	183	240-250	8.4	需要低温焊接或流动性好；适用于家电、通讯、计算机等高精度线路板的焊接。
60%	60Sn/40Pb	183-190	240-260	8.5	Need low temperature welding or good fluidity; It is suitable for welding of high precision circuit boards such as home appliances, communications and computers.
A#	55Sn/45Pb	183-203	280-280	8.7	
1#	50Sn/50Pb	183-216	280-300	8.9	适用于仪器、仪表、汽车水箱、钢铁器皿、电箱、铝管防漏等。
2#	45Sn/55Pb	183-227	280-320	9.1	Suitable for instrument, instrument, automobile water tank, steel ware, electric box, aluminum pipe leakage prevention, etc.
3#	40Sn/60Pb	185-238	300-325	9.3	
4#	35Sn/65Pb	185-247	300-330	9.5	适用于焊接灯头、保险管等。
5#	30Sn/70Pb	185-255	330-340	9.7	Suitable for welding lamp holder, safety tube, etc.
6#	25Sn/75Pb	185-267	330-370	9.9	
7#	20Sn/80Pb	185-279	350-380	10.2	
8#	15Sn/85Pb	230-290	350-390	10.4	
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