

## ER CuSi-A Silicon Bronze TIG MIG Welding Wire



Element	Zn	Sn	Mn	Si	Al
Percent	1.0	1.0	1.5	2.8-4.0	0.01

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**SKU:** ER CuSi-A

**Price:**

**Stock:** instock

**Categories:** [Copper Alloy Welding Wires](#), [TIG/MIG Filler Wires](#), [Welding Consumables](#), [Welding Filler Wires](#)

### Product Description

Use for welding of Silicon Bronze, Copper, or Aluminum Bronze of low aluminum content. It can also be used for brazing malleable iron and light gauge steel. COMPOSITION OF ALL WELD METAL (%)

Element	Zn	Sn	Mn	Si	Al	Cu
Percent	1.0	1.0	1.5	2.8-4.0	0.01	Balance

## ER CuAl-A2 Aluminium Bronze TIG MIG Welding Wire



Element	Al	Fe	Pb	Si	Zn	Cu
Percent	8.5-11.0	1.5	0.02	0.1	0.02	Balance

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**SKU:** ER CuAl-A2

**Price:**

**Stock:** instock

**Categories:** [Copper Alloy Welding Wires](#),  
[TIG/MIG Filler Wires](#), [Welding Consumables](#)  
, [Welding Filler Wires](#)

### Product Description

Aluminium Bronze A-2 is an iron-bearing Copper Aluminium MIG & TIG filler metal primarily designed for joining aluminium bronze, silicon bronze and manganese bronze, some high strength Copper-Zinc and Copper-Nickel alloys as well as many ferrous metals such as steel, Cast iron and galvanized iron. It is also good for joining dissimilar metals such as cast iron, carbon steels, copper, bronze and copper-nickel material. Weld deposits exhibit high mechanical properties, tensile strength, yield strength and hardness. Applications include wear surface reconstruction, casting repair and general maintenance, and galvanized sheet metal fabrication when high strength welds are required and in Marine maintenance and repair welding of ship propellers, pump housings, rigging jacks, piston heads, bearings and many overlay or surfacing applications. COMPOSITION OF ALL WELD METAL (%)

Element	Al	Fe	Pb	Si	Zn
Percent	8.5-11.0	1.5	0.02	0.1	0.02



## ER CuSn-A Tin Bronze MIG TIG Welding Wires

Element	Cu	Al	P	Pb	Sn
Percent	bal	0.01	0.1	0.02	4-6

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**SKU:** ER CuSn-A

**Price:**

**Stock:** instock

**Categories:** [Copper Alloy](#)  
[Welding Wires](#), [TIG/MIG Filler](#)  
[Wires](#), [Welding Consumables](#),  
[Welding Filler Wires](#)

### Product Description

ER CuSn-A Phosphor Bronze A Electrode is useful for welding copper tin bronzes (Cu-Sn 6-8 %) and some brasses (Cu-Zn). Also suitable for joining wrought copper-tin bronzes and brasses to cast iron and carbon steel. This is recommended for repairing wrought bronzes (Cu-Sn); for surfacing on brasses, steels and cast iron. Some of other applications are as under: • Useful for Joining base metals of similar composition. • Construction of equipment for the chemical industry and petrochemical industry. • Naval constructions and installations for sea water desalination, repair works. COMPOSITION OF ALL WELD METAL (%)

Element	Cu	Al	P	Pb	Sn
Percent	bal	0.01	0.1	0.02	4-6



## ER CuNi Copro Nickel TIG MIG Welding Wire

Element	Cu	Fe	Mn	Ni	Si
Percent	bal	0.4-0.7	0.5-1.5	29	0.25

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**SKU:** ER CuNi

**Price:**

**Stock:** instock

**Categories:** [Copper Alloy](#)  
[Welding Wires](#), [TIG/MIG Filler](#)  
[Wires](#), [Welding Consumables](#),  
[Welding Filler Wires](#)

### Product Description

ER CuNi Copper Nickel Electrode offers excellent resistance to the corrosive effects of salt water, is widely used for marine and desalination applications such as Shipbuilding, seawater evaporation plants, tubes, pump building, offshore etc. Also suitable for welding of nonferrous alloys, Dissimilar steel materials. COMPOSITION OF ALL WELD METAL (%)

Element	Cu	Fe	Mn	Ni	Si
Percent	bal	0.4-0.7	0.5-1.5	29	0.25