



To be Global leader of Welding Materials!

Xinxiang Qixing Welding Material Co.,Ltd.

Company Profile

Xinxiang Qixing Welding Material Co., Ltd, started in the 1980's, our company is located in the middle of China, factory area is 30,000 square meters, including more than 9,000 square meters workshop. We are the most professional producer on welding materials. As the member of China Welding Association, we focus on brazing materials development and production, dedicated to create the most excellent brand of welding material in the world.

We mainly produce "Qixing" brand of copper-based, silver-based, aluminum-based brazing materials, and all of our products meet SGS and RoHS directive requirements. We supply welding rod, welding wire, welding ring, flat wire, wire coils and kinds of brazing materials with different size and figure. Now our production capacity is 450 tons/month for brazing rod, and for Phos-Copper alloys, that is about 220 tons/month. In our field, now we are the No.1 in China.

Now our products have already been widely used in refrigeration, refrigerators, air-conditioner, aerospace, nuclear power system, electric appliances, drilling and excavation, and jewelry, etc. With excellent quality and service, currently we take more than 90% marketing shares in Chinese after-sales service market, and cooperate with many famous companies, such as Midea, Gree, LG, Hisense, Haier, Aux and so on; we also export our products to Middle East, Southeast Asia, Central Asia, Europe, North America and other regions and countries.

We always promise "best quality, best service!" Keep strive to make "QIXING" brand brazing materials to be the most welcomed products in China and all over the world! To be Global leader of Welding Materials!



Silver-Copper-Zinc Brazing Alloy (High-silver solder)

1. Introduction

The microstructure of silver brazing is silver or silver-based solid solution alloy. It has perfect processing property, low melting point, good wettability and good ability to fill the gap, high joint strength, good plasticity, and good electrical conductivity and corrosion resistance. It can be used for brazing all ferrous and non-ferrous metals except aluminum, magnesium, and low melting point metal.

2. Technical Index

Alloy	Corresponding Alloy	Chemical Composition			Melting Range		Application
		Ag %	Cu %	Zn %	Solidus °C	Liquidus °C	
B _{Ag} 10CuZn	Ministry standard : L301	9-11	52-54	36-38	815	850	For brazing copper-copper alloys, stainless steel-sleels. (iood spreading property and clearance filling ability.
B _{Ag} 20CuZn		19-21	43-45	34-38	690	810	
B _{Ag} 25CuZn	Ministry standard : L302 DVS: L-Ag25	24-26	39-41	33-37	700	790	For brazing steel to non-ferrous alloys (except Ti-tanium and Aluminum).
B _{Ag} 30CuZn	DVS: B _{Ag} -20	29-31	37-39	30-34	680	765	
B _{Ag} 40CuZn		39-41	29-31	29-31	621	732	Good spreading property and clearance filling ability. For brazing copper-copper alloys, all steels and dissimilar metals.
B _{Ag} 45CuZn	Ministry standard : L303 DVS: B _{Ag} -5	44-46	29-31	23-27	665	745	For brazing copper , alloyed copper pipes , tools, motors. appliance repairing parts.



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B _{Ag} 50CuZn	Ministry standard : L304 DVS: B _{Ag} -6	49-51	33-35	14-18	690	775	For brazing eopper-copper copper alloys, Sn / Zn plated steel pars .
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- Note:**
1. AG: Silver; Cu: copper; Zn: Zinc; Ni: nickel;
 2. CWA: China welding association; AWS: America welding Society; DVS: German Welding Societ
 3. Diameter: 0.8, 0.9, 1.0, 1.2, 1.6, 2.0, 2.4mm
 4. Regular size of easy flo silver solder : Diameter : 2.0mm , 2.5mm , 3.0mm , 4.0mm , 4.5mm , 5.0mm . Length : 450mm , 500mm , 550mm
 5. Weight: 0.5kg, 2kg, 7kg. 9kg

3. Advantages

- 1 . Copper - Zinc - Silver -Tin brazing rod have low temperature, good fluidity , more weld strength .
- 2 .Tin silver solder Increase silver content can improve strength
- 3 . Tin silver solder have low phosphorus content result to liquidus with high temperature
- 4 . We have a professional technical team to provide you with timely services and bring professional answers
- 5 . Our company approved by ISO9001:2008 quality management system certification and ISO4001:2004 environment management system certification .

4. Services

1. We support multiple port shipments. Such as Qingdao Port, Tianjin Port, Shanghai Port. You can choose the port freely.
2. Contact Us Get a Quote Now , 24hours online service
3. Our products have these advantages, less smoke, less splash, plating finish, good fluidity.
- 4 we have more than 10 years export experience to Iran, American, Germany, India, Myanmar etc. please rest assure at our quality
5. Silver brazing rod just need some sample cost, we will return it back when proceed into mass production.



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6. Support for free custom unconventional sizes
7. Enjoy discounted prices for orders over 1000kg

5. FAQ :

1. Q:What type of certificate your products have?

A: SGS, CE,ISO9001,quality certificate by third party.

2. Q: What is your payment terms?

A: T/T L/C payment terms etc.

3. Q: How to ensure your products quality?

A: We have the most advanced production and testing equipment.technical staff and the most developed lab facility to ensure that each batch product has a good quality.

4. Q: What is your main market?

A: Europe ,Southeast Asia and America.

5. Q: Do u produce the samples? How long it takes?

A: Yes we do .Samples can be provided. The regular item in stock can be shipped within 3-5 days,your customized product maybe takes 15-25 days.

6. Q: Are you trading company or manufacturer ?

A: We are manufacturer factory. We have cheaper prices .

Our company purpose is “make high-quality goods for customers,create value for employees,provide wealth for the society !” And our faith is “ independent innovation , scientific development ! ” we always promise “ best quality , best service ! ” Keep strive to make " QIXING " brand brazing filler metal to be the most welcomed products in China and the whole world !

5. Our hot sale products

- 1 . 0 silver welding rod



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- 2 . Phos-Copper-Silver Brazing Alloy (brazing rod bcup 5)
- 3 . Silver-Copper-Zinc Brazing Alloy(15 silver solder)
- 4 . Tin silver copper solder (High-silver solder)
- 5 .Silver-Copper-Zinc-Cadmium Brazing Alloy(High-silver solder)
- 5 .Silver-Copper-Zinc-Cadmium Brazing Alloy(High-silver solder)
- 6 . Brass filler rod (copper zinc filler metal)
- 7 . Flux-cored Aluminum Based Brazing Alloy
- 8 . Copper-Aluminum Brazing Alloy
- 9 . Copper Welding Rings And Silver Brazing Ring
- 10 . Capillary tube refrigeration
- 11 . Silver brazing flux powder And Brass brazing flux
- 12 . AWS ER1100 Pure Al Alloy Welding Rod
- 13 . er 4043 Al Welding Wire
- 14 . 4047 aluminum filler rod
- 15 . Pancake coil copper tube