



*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-Tin 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	Other alloys Standards	Chemical Composition				Melting Range		Application
		Ag %	Cu %	Zn %	Sn %	Solidus °C	Liquidus °C	
BAg18CuZnSn	DVS : Degussa1076	17-19	45-47	35-37	1.5-2.5	780	810	Providing strong joints for copper and alloyed copper, steel and copper parts and pipe welding.
BAg30CuZnSn	DVS : Degussa3076	29-31	35-37	30-34	1.5-2.5	665	755	
BAg40CuZnSn	DVS : Degussa4076	39-41	29-31	26-30	1.5-2.5	650	710	
BAg45CuZnSn	DVS : L-Ag45Sn	44-46	26-28	23.5-27.5	2.0-3.0	640	680	

- Note:**
1. AG: Silver; Cu: copper; Zn: Zinc; Ni: nickel; Sn: Stannum;
  2. CWA: China welding association; AWS: America welding Society; DVS: German Welding Society
  3. Diameter: 1.6/2.0/2.4/2.5mm; Length: 400/ 500/750mm;
  4. Standard export seaworthy packing: with polyethylene film including drier, put them in carton; 1kg/box, 10/20kgs/carton box;
  5. Based on the customer's different requirements, it can be customized.
  6. MOQ 50 KG

### 3. Advantages



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- 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. Service

1. Silver brazing rod just need some sample cost, we will return it back when proceed into mass production.
2. Support for free custom unconventional sizes
3. Contact Us Get a Quote Now , 24hours online service
4. Enjoy discounted prices for orders over 1000kg

## 5. FAQ

Q1: How to ensure the quality?

A1: We can supply QC,such as MTC,SGS, UT Certificate,etc.

Besides,we have Trade Assurance Amount from Alibaba Group.

If our quality is unapproved,we need and will refund full payment to customers

Q2.How can we get your price ?

A2: We need below information to quote for you:

1. Product Name
2. Standard
3. Material Grade (Chemical Composition)
4. Dimension



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5. Quantity

6. The Drawing for Special Parts

Q3: What is your payment terms?

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

Q4: What is your delivery terms?

A: FOB EXW CIF etc.

Q5: 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.

## 6. Mainly Product

1 . Phos-Copper Brazing Alloy(No Silver Solder)

2 . Phos-Copper-Silver brazing filler material

3 . Silver-Copper-Zinc alloy welding wire

4 . Silver-Copper-Zinc-Tin 15 silver solder sticks

5 .Silver-Copper-Zinc-Cadmium 45 percent silver solder

6 . Brass Brazing Alloy

7 . Flux-cored Aluminum Based Brazing Alloy

8 . Copper-Aluminum Brazing Alloy

9 . Welding Rings

10 . Capillary Tube

11 . Flux

12 . AWS E1100 Pure Aluminum easy flow brazing rod

13 . Aluminum and aluminum alloy welding wire ER5356

14 . Aluminum and aluminum alloy welding wire ER4043



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15 . Aluminum and aluminum alloy welding wire ER4047