



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 Aluminum Welding Wire, 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!



AWS ER1100 Pure Aluminum Welding Wire

1. Introduction

Alloy 1100 is highly resistant to chemical attack and weathering. It is a relatively soft alloy that is very formable and is used extensively in thin gauge and foil products. It has good welding characteristics and it is also used as a filler alloy for welding purposes.

A desirable characteristic of the alloy is the bright finishes obtained by anodizing.

2. Applications

Pure aluminum welding wire, after anodic treatment, has a good color ratio, suitable for electric power applications, often used in electrolytic aluminum production equipment cathode busbar and anode guide rod welding,

3. Advantages

- ✓ Pure aluminium welding wire
- ✓ Good corrosion resistance
- ✓ Good thermal and electrical conductivity, Good machinability

3. Technical Index

ALLOYS	AL	SI	Fe	Cu	Mn	Mg	Cr	Zn	Be	Other elements
ER1100	99	Si+Fe≤0.95		0.05-0.2	≤0.05	—	—	≤0.10	≤0.0008	≤0.15

Aluminum and aluminum alloy welding wire ER5356

1. Introduction

ER5356 is a general-purpose type aluminum welding wire that contains 5% magnesium additives, resulting in high intensity, favorable corrosion resistance and excellent color compatibility after anodizing. It is recommended to weld various grades of aluminum alloys which contain at most 5% magnesium and parts of



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wrought aluminum alloy of 5000 series, part of 6000 series, 7000 series, such as 5050, 5052, 5083, 5456, 6005A, 6061, 6063, 6082, 7005, etc.

2. Applications:

Mainly applied in the industry of furniture, sports equipment, compressed containers, shipbuilding, railway and the automotive.

3. Technical Index

ALLOYS	AL	SI	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Other individual	Melting Range	Anodize Color
ER5356	Remainder	0.25	0.4	0.1	0.05-0.2	4.5-5.5	0.05-0.2	0.1	0.06-0.2	0.05	570-635℃	White

Aluminum and aluminum alloy welding wire ER4043

1. Introduction

ER4043 is a kind of aluminum alloy welding wire with 5% silicon. It is a broad-spectrum welding, which can be used in forging and casting alloys welding. Alloy aluminum welding wire ER4043 is widely used in ships, locomotive, chemical engineering, food, sports equipment, mould, furniture, vessel, container, etc.

2 Advantages

- 1 All position aluminum MIG wire.
- 2 Superior wire surface finish for the best.
- 3 Feedability and arc performance.
- 4 Optimal manufacturing process to precisely control of chemical composition.
- 5 State-of-the-art testing equipment to ensure trouble-free performance of the welding wire.
- 6 Manufactured under a quality system certified to ISO 9001 standard.

3. Technical Index

ALLOYS	AL	SI	Fe	Cu	Mn	Mg	Cr	Zn	Ti
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ER4043	Remainder	4.5-6.0	0.8	0.3	0.05	0.05	--	0.1	0.2
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4.Packaging

7kg/spool, 1spool/carton, 84 or 96 cartons per pallet

Aluminum and aluminum alloy welding wire ER4047

1. Introduction

ER4047 is a type of product which can be applied in welding all kinds of forging and casting or extruded shape aluminum alloys. And it has advantages of low melting point and good fluidity which avoids the distortion after welding.

2.Application: overlay light alloy processing.

Diameter: 0.8, 0.9, 1.0, 1.2, 1.6, 2.0, 2.4mm

Weight: 0.5kg, 2kg, 7kg. 9kg

3.Technical Index

Item	Si	Fe	Cu	Mn	Mg	Zn	Be	Ti	Other
Value	11.0-13.0	<0.80	0.30	<0.15	<0.15	<0.20	<0.0003	<0.15	Balance

4.Weld physical properties(Approx, value):

Yield strength Rp0.2(MPa)	Tensile strength Rm(Mpa)	Elongation A ₅ (L ₀ =5D ₀)(%)	Test temperature(°C)
80	180	10	20



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5. Shielding gas:

Argon(99.99%), Helium(99.99%) or Argon, Helium-mixture(50% each)

6. Packaging & Shipping

Diameter 0.8, 0.9, 1.0, 1.2, 1.6, 2.0, 2.4mm

Weight: 0.5kg, 2kg, 7kg, 9kg

500-1000 kgs per pallet

Lead time: two weeks after deposit

7. Services

1. We accept orders below the minimum order quantity
2. Aluminium brazing rod just need some sample cost, we will return it back when proceed into mass production.
3. We are manufacturer factory.
4. Accept the OEM.

8. FAQ

Q: If we can not find what we want on your website, what should we do?

A: You can email us the descriptions and pictures of the products you need, we will check whether we have them. We develop new items every month, and some of them have not been uploaded to website in time. Or you can send us sample by express, we will develop this item for bulk purchasing.

6.Q: What can you do for us?

A: We always shorten delivery time for our buyer. We always provide best and professional forward service and after sales service.

Q1: How long time is the shortest delivery?

A1: For stock material, the delivery time is just 3-5 working days. And for customized product, it will take 25-35 working days based on different size and quantity.

9. Hot Sale Products



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- 1 . Copper phosphorus brazing rod
- 2 . Phos-Copper-Silver Brazing Alloy (Low-silver solder)
- 3 . Silver-Copper-Zinc Brazing Alloy(High-silver solder)
- 4 . Silver-Copper-Zinc-Tin Brazing Alloy(High-silver solder)
- 5 .Silver-Copper-Zinc-Cadmium Brazing Alloy(High-silver solder)
- 6 . Brass round rod Brazing Alloy
- 7 . Flux-cored Aluminum Based Brazing Alloy
- 8 . Copper-Aluminum Brazing Alloy
- 9 . copper brazing rings
- 10 . Capillary Tube
- 11 . Flux
- 12 . AWS ER1100 Pure Aluminum Welding Wire
- 13 . aluminum welding wire 5356
- 14 . 4043 aluminum welding rod
- 15 . Aluminum and aluminum alloy welding wire ER4047