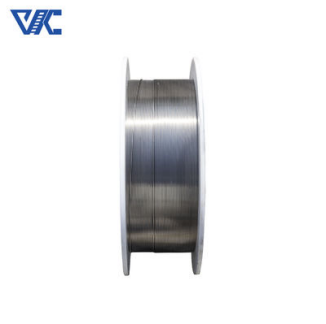
High Performance Hot Sale Super Alloy EN 2.4915 UNS N06075 Nimonic 75 Nickel Alloy Welding Wire

Our Product Introduction

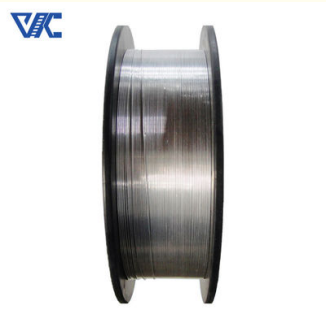
Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: ERNiCrMo-3,ERNiCrMo-4,ERNiCrMo-13,ERNiCrFe-7,ERNiCr-3
- Minimum Order Quantity: 15
- Packaging Details: Spool package with Carton box, Coil package with polybag
- Delivery Time: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month



Product Specification

- Material: Ni, Mo, Cr
- Elongation: ≥22 %
- Density: 8.60 G/cm3
- Tensile Strength Rm N/mm²: ≥600
- Yieldstrength R P0. 2 N/mm²: ≥360
- Melting Point: 1310-1360°C
- Certificates: AWS A5.14 / ASME SFA A5.14
- Highlight: **MIG nickel welding wire**, **TIG nickel welding wire** , **Hastelloy nickel mig welding wire**



More Images

Our Product Introduction

Product Description

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NICKEL WELDING WIRE

ERNiCrMo-3,ERNiCrMo-4,ERNiCrMo-13,
ERNiCrFe-7,ERNiCr-3,ERNiCr-7,ERCuNi,ERNi-1

Customized service available

Nickel Alloy MIG Welding Wire Inconel 625 Wire price per kg
Inconel 625 welding wire ERNiCrMo-3 material is suitable for the welding of nickel based alloys such as Inconel 625 and Incoloy 825, but also for dissimilar welds, e. G. Between stainless and nickel-based alloys and mild steel.

Standard: AWS A5.14 EN18274 ,ASME II, SFA-5.14, ERNiCr-3
Size:0.8MM / 1.0MM / 1.2MM / 1.6MM / 2.4MM / 3.2MM
Form:MIG(15kg/spool), TIG(5kg/box)
Applications:used for welding the INCONEL ALLOY 600/825/25-6MO, and other stainless steel with Mo by the way of gas metal arc welding,tungstun-inert-gas arc welding.

Welding series:ERNiCrMo-3,ERNiCrMo-4,ERNiCrMo-13,ERNiCrFe-3,ERNiCrFe-7,ERNiCr-3,ERNiCr-7,ERNiCu-7,ERNi-1

Item	ERNiCrMo-3	ERNiCrMo-4	ERNiCrMo-13	ERNiCrFe-7	ERNiCr-3	ERNiCu-7	ERCuNi
C	0.1	0.02	0.01	0.04	0.1	0.15	0.03
Mn	0.05	1	0.5	1	2.5-3.5	4	0.5-1.0
Fe	5	4-7	1.5	7-11	3	2.5	0.65
P	0.02	0.04	0.015	0.02	0.03	0.02	0.01
S	0.015	0.03	0.005	0.015	0.015	0.015	0.01
Si	0.05	0.08	0.1	0.5	0.5	1.25	0.15
Cu	0.5	0.5	N/A	0.3	0.5	rest	rest
Ni	≥58	rest	rest	rest	≥67	62-69	30-32
Co	N/A	2.5	0.3	N/A	N/A	N/A	N/A
Al	0.4	N/A	0.1-0.4	1.1	N/A	1.25	0.15
Ti	0.4	N/A	N/A	1	0.75	1.5-3	0.5
Cr	20-23	14.5-16.5	22-24	28.5-31	18.0-22.0	N/A	N/A
Nb+Ta	3.5-4.15	N/A	1.8-2.5	0.01	2.0-3.0	N/A	N/A
Mo	8.0-10	15-17	15-16	0.5	N/A	N/A	N/A
V	N/A	0.35	N/A	N/A	N/A	N/A	N/A
W	N/A	3.-4.5	N/A	N/A	N/A	N/A	N/A
Rest	≤0.50	≤0.50	≤0.50	≤0.50	≤0.50	≤0.50	≤0.50

Type	Standard	Standard	Manin chemcial composition %	Typical application
Nickel welding wire	A5.14 ERNi-1	SG-NiTi4	Ni ≥ 93 Ti3 Al1 Cr-- Mo--	ERNi-1 is used for GMAW, GTAW and ASAW welding of Nickel 200 and 201, joining these alloys to stainless and carbon steels, and other nickel and copper-nickel base metals. Also used for overlaying steel.
NiCuwelding wire	A5.14 ERNiCu-7	SG-NiCu30MnTi	Ni 65 Cr-- Mo-- Ti2 Other: Cu	ERNiCu-7 is a copper-nickel alloy base wire for GMAW and GTAW welding of Monel alloys 400 and 404. Also used for overlaying steel after first applying Layer of 610 nickel.
CuNi welding wire	A5.7 ERCuNi	SG-CuNi30Fe	Ni 30 Cr-- Mo-- Other: Cu	ERCuNi is used for gas metal and gas tungsten arc welding. Can also be used by oxy-fuel welding of 70/30, 80/20, and 90/10 copper nickel alloys. A barrier layer of nickel alloy 610 is recommended prior to overlaying steel with GMAW weld process.

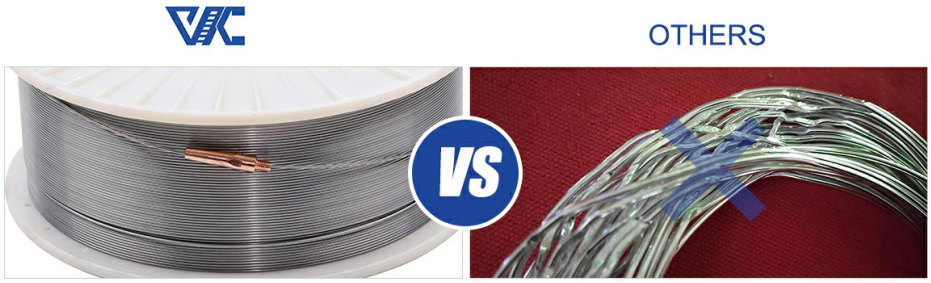
NiCr welding wire	A5.14 ERNiCrFe-3	SG-NiCr20Nb	Ni≥ 67 Cr 20 Mo--- Mn3 Nb2.5 Fe2	Type ENiCrFe-3 electrodes are used for welding of nickel-chromium-iron alloys to themselves and for dissimilar welding between nickel-chromium-iron alloys and steels or stainless steels.
	A5.14 ERNiCrFe-7		Ni: Rest Cr 30 Fe 9	Type ERNiCrFe-7 is used for gas-tungsten-arc and gas-metal-arc welding of INCONEL 690.
NiCrMo welding wire	A5.14 ERNiCrMo-3	SG-NiCr21Mo9Nb	Ni≥ 58 Cr 21 Mo 9 Nb3.5 Fe ≤1.0	ERNiCrMo-3 is used primarily for gas tungsten and gas metal arc and matching composition base metals. It is also used for welding Inconel 601 and Incoloy 800. It can be used to weld dissimilar metal combinations such as steel, stainless steel, Inconel and Incoloy alloys.
	A5.14 ERNiCrMo-4	SG-NiMo16Cr16W	Ni Rest Cr 16 Mo 16 W3.7	ERNiCrMo-4 is used for welding nickel-chromium-molybdenum base materials to itself, steel and other nickel base alloys and for cladding steel.
	A5.14 ERNiCrMo-10		Ni Rest Cr 21 Mo 14 W3.2 Fe 2.5	ERNiCrMo-10 is used for welding nickel-chromium-molybdenum base materials to themselves, steel and other nickel base alloys, and for cladding steels. Can be used to weld duplex, super duplex stainless steels.
	A5.14 ERNiCrMo-14	SG-NiCr21Mo16W	Ni Rest Cr 21 Mo 16 W3.7	ERNiCrMo-14 is used for gas-tungsten-arc and gas-metal-arc welding of duplex, super-duplex and super-austenitic stainless steels, as well as nickel alloys such as UNS N06059 and N06022, INCONEL® alloy C-276, and INCONEL® alloys 22, 625, and 686.

Product Details

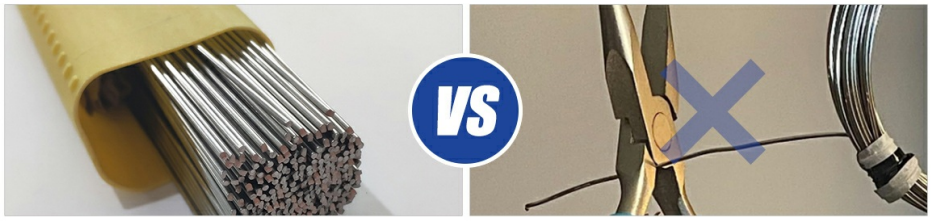
High-quality materials and surface treatment technology

Product Comparison

The quality of our products has been strictly tested and guaranteed



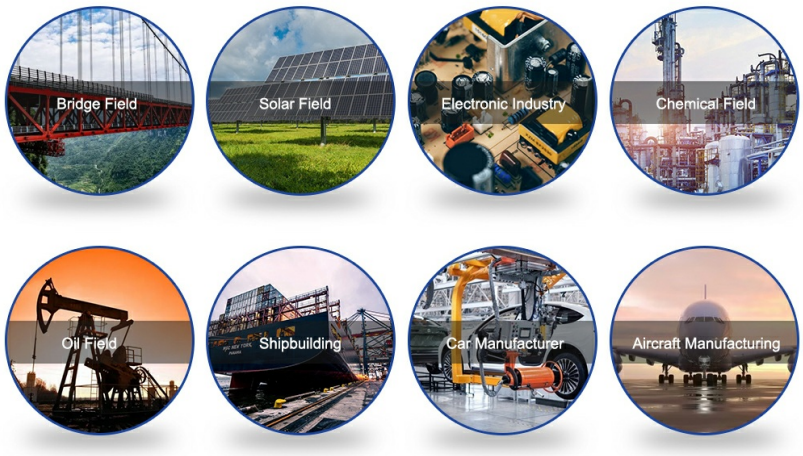
Smooth Edges | Uneven Edges



Product Quality Strict Inspection | Product Quality Is Not Up To Standard

Application Field

Welding wires are widely used in many fields



Welding wire finds applications in various industries where it is used for joining or repairing metal components through the welding process. Here are some common areas of application:

1. Automotive industry: Welding wire is extensively used in the automotive industry for various welding applications, including the fabrication and repair of automobile frames, exhaust systems, chassis components, and body panels.

2. Construction industry: Welding wire is employed in the construction industry for welding structural steel, beams, columns, and other metal components used in building construction, bridges, and infrastructure projects.

3. Manufacturing and fabrication: Welding wire is utilized in manufacturing and fabrication processes across industries, including heavy machinery, equipment manufacturing, metal fabrication, and shipbuilding. It is used to join metal parts, create assemblies, and perform repairs.

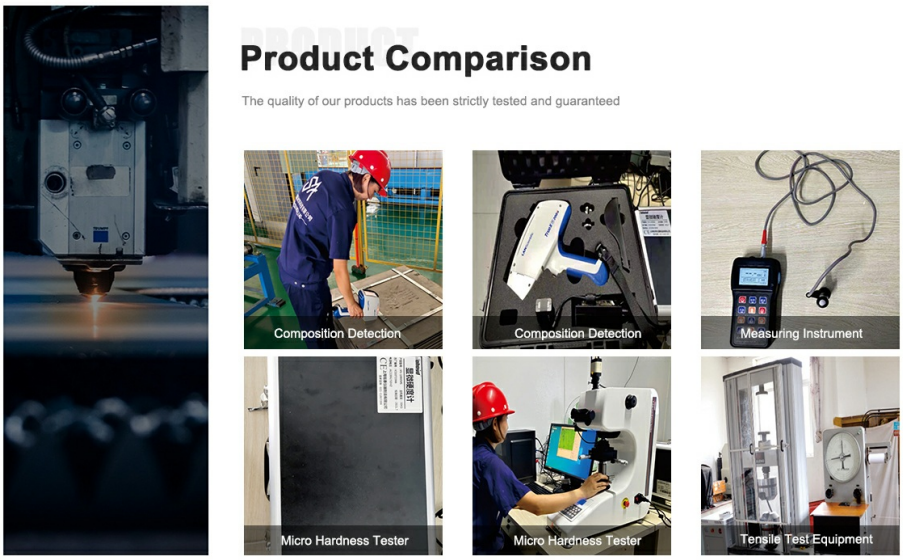
4. Aerospace industry: Welding wire finds application in the aerospace industry for welding critical components of aircraft, spacecraft, and related structures. It is used in the fabrication and repair of engine components, landing gear, airframes, and other aerospace structures.

5. Oil and gas industry: Welding wire is used in the oil and gas industry for various applications, including pipeline
construction, offshore platforms, storage tanks, and refinery equipment. It plays a crucial role in

joining and repairing metal components used in the extraction, processing, and transportation of oil and gas.

6. Power generation industry: Welding wire is employed in the power generation industry for fabrication, maintenance, and repair of power plants, including welding of boilers, turbines, generators, and associated infrastructure.

In summary, welding wire is utilized in a wide range of industries including automotive, construction, manufacturing, aerospace,oil and gas, power generation, metalworking, and infrastructure projects. Its applications involve joining and repairing metal components to create strong and durable connections.



OEM Services

We can provide customized services for customers

Product Customization

Size:1.0-2.4mm

We can customize welding wires of different size for customers.

Label Customization

We can provide label customization service for customers' products.

Packaging Customization

We can customize different packaging, with white and black outer frame.

Recommended Products

Click to learn more about related products

Aluminum Welding Wire

Stainless Steel Welding Wire

Thermal Spray wire

Welding Wire Copper Coated

Aluminium Welding Rod

Nickel Welding Rod

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