



## Inconel 625 Welding Wire ERNiCrMo-3 Welding Rod 1.2mm 1.6mm 2.4.Mm

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: ERNiCrMo-3
- Minimum Order Quantity: 5 Kg
- Price: 15 - 499 kilograms US\$35.00
- Packaging Details: Plastic film or waterproof woven bag inside, wire packed in spool put into carton,coil wire or strip wire put into wooden case
- Delivery Time: 7 to 20 Days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month

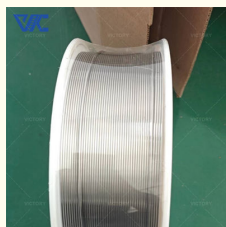


### Product Specification

- Material: Nickel Based Welding Wire
- Diameter: 1.0-2.4mm
- Customized Support: OEM, ODM, OBM
- Model Number: Ennicrmo-3
- Application: Electric Power, Pressure Vessel
- Use Type: Mig Torch/tig Torch
- Yield Strength:  $\geq 420$  Mpa
- Elongation:  $\geq 27\%$
- Tensile Strength:  $\geq 760$  Mpa
- Melting Point: 1290-1350°C
- Density: 8.4g/cm<sup>3</sup>
- Standard: AWS A5.14 ASME DIN
- Highlight: ERNiCrMo-3 Welding Wire



### More Images



### Product Description

#### Product Description:

Nickel Welding Wire

ERNiCrMo-3 welding wire is a high alloy welding wire composed of nickel (Ni), chromium (Cr), molybdenum (Mo) and other elements. It is a high-quality material widely used in the welding field and is known for its excellent corrosion resistance and high-temperature strength.

Our Product I

ErNiCrMo-3 welding wire has excellent corrosion resistance and is suitable for welding applications in various harsh environments. It can resist the erosion of various corrosive media such as strong acids, strong alkali, salt solutions and chloride ions, thereby extending the service life of the welded structure.

In addition, ErNiCrMo-3 welding wire also has good resistance to stress corrosion cracking and can maintain stable performance in high stress environments. It performs well in high temperature environments, resists oxidation and thermal corrosion, and maintains the stability of welded joints.

ErNiCrMo-3 welding wire is suitable for welding a variety of metals, including nickel alloys, steel, stainless steel, etc. It is widely used in chemical, marine, electric power, petroleum and other industries. Whether in high temperature and high pressure environments or corrosive media, ErNiCrMo-3 welding wire can provide reliable welding solutions.

### Advantage:

Corrosion resistance: ErNiCrMo-3 welding wire has excellent corrosion resistance and can resist the erosion of acidic, alkaline, oxidizing and reducing media, allowing the welded joint to maintain good stability in corrosive environments.  
High temperature strength: This welding wire shows good strength and stability in high temperature environments, can withstand thermal stress and mechanical stress at high temperatures, and is suitable for welding needs in high temperature processes and high temperature environments.

Good welding performance: ErNiCrMo-3 welding wire has good fluidity and operability. It is easy to operate and control during the welding process. It can produce good weld morphology and complete weld penetration, ensuring the quality and safety of welded joints. reliability.

### Technical Parameters:

MIG	(15kg/spool),	Size
		0.8 1.2 2.4 3.2mm
TIG	(5kg/box),Strip	

#### ErNiCrMo-3

C	Cr	Cu	Fe	Mn	Mo	Ni	P	Si	S	Ti	Nb+Ta	Co	Al	V	W	Rest
0.1	20-23	0.5	5	0.05	8.0-10	≥58	0.02	0.05	0.015	0.4	3.5-4.15	N/A	0.4	N/A	N/A	≤0.50

### Characteristic:

Alloy composition: ErNiCrMo-3 welding wire is mainly composed of high alloy components such as nickel (Ni), chromium (Cr), molybdenum (Mo), etc. These components give the welding wire excellent corrosion resistance, high temperature strength and thermal fatigue resistance.

Thermal stability: This welding wire has good thermal stability and can maintain the performance stability of the welded joint in high temperature environments and is not prone to deformation or rupture.

Thermal fatigue resistance: ErNiCrMo-3 welding wire can withstand thermal stress and mechanical stress at high temperatures, has good thermal fatigue resistance, and is suitable for applications under high temperature conditions.

### Customization:

Victory Nickel Welding Wire - ERNiCrMo-3

Looking for high quality and reliable nickel weld wire? Look no further than Victory's ERNiCrMo-3 welding wire. Made with high quality nickel material, this wire is perfect for all your welding needs.

Customization Service

At Victory, we understand that each project is unique and requires specific welding solutions. That's why we offer customization services for our nickel welding wire. We can tailor the wire according to your specific needs and requirements, ensuring the best possible results for your project.

**contact us**  
**email:victory@dlx-alloy.com**

Oem service:

Welcome customized size

We are experience factory for OEM&ODM service

### Application:

Chemical and petroleum industry: ErNiCrMo-3 welding wire is widely used in the welding of devices and pipelines in the chemical and petroleum industries for connection and repair in anti-corrosive environments.

Aerospace industry: This welding wire is widely used in the aerospace field and is used for welding in high-temperature and corrosive environments such as aerospace engine components and gas turbine blades.

Medical equipment: ErNiCrMo-3 welding wire is used for welding medical equipment, such as stainless steel instruments, medical equipment, etc., to ensure the corrosion resistance and high temperature strength of the welded joints.

Nuclear energy industry: This welding wire is used in the nuclear energy industry and is used for welding pipes, containers and other components in nuclear power plants to meet the requirements of high temperature and corrosive environments.

### Suggestions for use:

Here are some suggestions to help customers achieve the best results when using ErNiCrMo-3 welding wire:

Before use, be sure to clean the welding surface to remove any grease, dirt or oxides.

Use appropriate welding equipment and parameters to ensure the stability and quality of the welding process.

Follow welding specifications and recommended welding procedures to ensure the strength and reliability of welded joints.

For complex welding applications, welding specimen testing is recommended prior to use to verify the suitability of the selected welding parameters and process.

### FAQ:

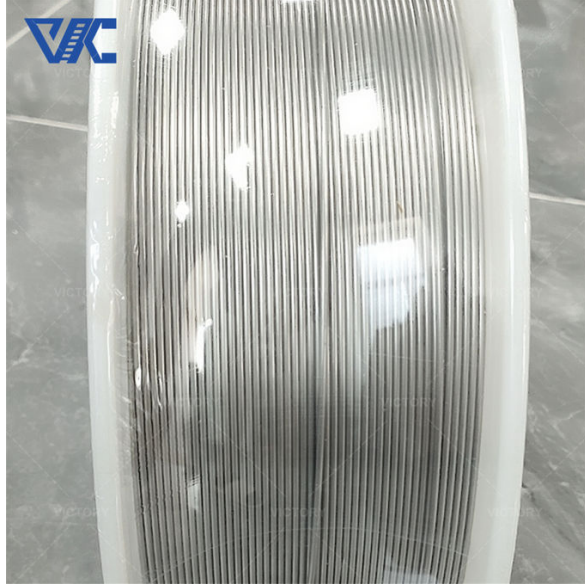
What is nickel-based welding wire?

Nickel-based welding wire is a welding material whose main component is nickel alloy and is commonly used in welding applications in high-temperature, corrosive environments.

What are the main uses of nickel-based welding wire?

Nickel-based welding wire is commonly used in welding applications in aerospace, chemical industry, petroleum, nuclear energy and other fields, and is especially suitable for welding in corrosion-resistant and high-temperature environments.

What is the difference between nickel-based welding wire and ordinary welding wire?  
The main difference in nickel-based wire is that its composition contains a higher proportion of nickel and other alloying elements to provide excellent corrosion resistance and high temperature performance.



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

NO.32 West Taihu Road, Xinbei District, Changzhou, Jiangsu