



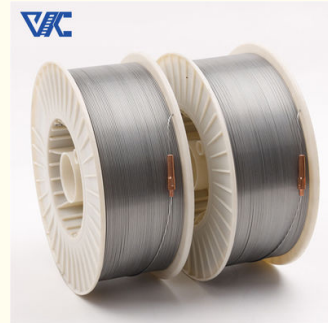
## Inconel 625 Welding Wire ERNiCrMo-3 ERNiCrMo-13 MIG TIG Hastelloy C-276 Welding Wire

Our Product Introduction

for more products please visit us on [victory-alloy.com](http://victory-alloy.com)

### 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\$30.00
- 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: ERNiCrMo-4 ERNiCrMo-3 ERNiCrMo-13 ERNiCrFe-3 ERNiCrFe-7 ERNiCr-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



### More Images



### Product Description

#### Product Description:

#### Inconel 625 Welding Wire ERNiCrMo-3 ERNiCrMo-13 MIG TIG Hastelloy C-276 Welding Wire

ERNiCrMo-3 is mainly used for gas tungsten arc welding or tungsten inert gas shielded welding to weld Inconel 625 alloy, Incoloy 825, 25-6MO alloy, and other molybdenum-containing stainless steels. It can also be used for surface cladding of steel and for welding nickel steels and various corrosion-resistant alloys such

Our Product I

as 20 alloy. Using ERNiCrMo-3 filler wire for submerged arc welding can be used to weld Inconel 625 alloy or nickel steels, or for surface cladding of steel. When performing submerged arc welding, INCOFLUX 7 submerged arc welding flux should be selected.

### Application:

ERNiCrMo-3 welding wire is widely used in the chemical industry and is mainly used to manufacture welded joints in corrosion-resistant and high-temperature environments. The following are some applications of ERNiCrMo-3 in the chemical industry:

1. Chemical reactor: The chemical reactor is one of the core equipment in the chemical process and needs to withstand high temperature, high pressure and corrosive media. ERNiCrMo-3 welding wire is widely used to manufacture reactor welding joints to ensure its corrosion resistance and structural stability under harsh working conditions.
  2. Pipes and pipe connections: In chemical processes, pipes and pipe connections require excellent corrosion resistance and sealing properties. ERNiCrMo-3 welding wire is used to weld pipelines to ensure their long-term reliability in corrosive media such as acids, alkalis and chlorides.
  3. Heat exchanger: Heat exchangers are used for heat transfer and energy recovery in chemical processes, which are often exposed to high temperatures, high pressures and corrosive media. ERNiCrMo-3 welding wire is widely used in manufacturing welding joints of heat exchangers to ensure its corrosion resistance and heat conduction performance in harsh environments.
  4. Tanks and Containers: In the chemical industry, tanks and containers are used to store and handle a variety of chemicals. ERNiCrMo-3 welding wire is used to manufacture welded joints of tanks and vessels to ensure their corrosion resistance and structural strength to different media.
- In general, the application of ERNiCrMo-3 welding wire in the chemical industry is mainly focused on equipment and structures that require corrosion resistance and high temperature performance. It can provide reliable welding joints and ensure the safety and stability of the chemical process.

### Technical Parameters:

MIG	(15kg/spool),	Size
		0.8mm 1.0mm 1.2mm 1.6mm
TIG	(5kg/box),Strip	2.0mm 2.4mm 3.2mm

ERNiCrMo-4

C	Cr	Cu	Fe	Mn	Mo	Ni	P	Si	S	Ti	Cb+Ta					
0.03	22.4	0.1	0.2	0.05	9	64.2	0.01	0.05	0.001	0.22	3.55					

### Advantage:

It can be used for welding Inconel 625 (N06625) alloy, 20 alloy, 825, 25-6Mo, 9% Ni steel, or other molybdenum-containing steels, and can also be used for dissimilar metal welding and corrosion-resistant cladding on material surfaces. It exhibits excellent mechanical properties at high and ultra-low temperatures, resists strong corrosion in a wide range of oxidizing and reducing media, resists stress corrosion cracking, pitting, and crevice corrosion. Due to its high corrosion resistance, it can even be used for super stainless steel 904L. If not specifically required for high-temperature conditions, it can also be used for welding materials such as the Inconel series alloys 600, 601, and the Incoloy series alloys 800, 800H.

### 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

### Packaging and storage:

Packaging: Welding wire is usually packaged in coils or wire reels. Packaging materials should be resistant to corrosion and abrasion and prevent moisture and other contaminants from entering the interior of the package. Packaging materials such as plastic film, cartons or wooden boxes are usually used.

Labeling: Important information such as specifications, batch number, quantity and production date of the welding wire should be clearly marked on the packaging. This helps identify and track the wire and ensures the correct wire is used.

Storage conditions: During storage, the welding wire should be stored in a dry, ventilated and non-corrosive gas environment to prevent the influence of moisture and corrosive media on the welding wire. Avoid direct sunlight and high temperature environment.

### FAQ:

Q: In what applications is ERNiCrMo-3 welding wire commonly used?

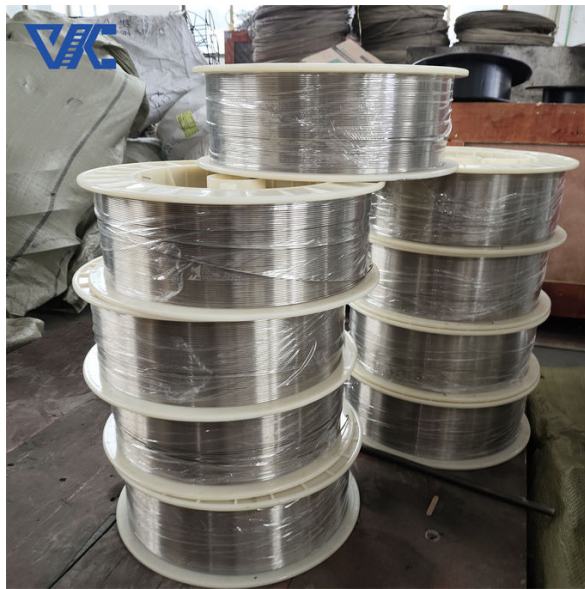
Answer: ERNiCrMo-3 welding wire is widely used in welding applications in aerospace, chemical, marine and energy fields.

Q: What are the quality testing methods for ERNiCrMo-3 welding wire?

Answer: The quality inspection of ERNiCrMo-3 welding wire usually includes chemical composition analysis, diameter and appearance inspection, mechanical performance testing, welding performance evaluation, etc.

Q: Can ERNiCrMo-3 welding wire be customized?

Answer: Yes, ERNiCrMo-3 welding wire can be customized according to customer needs to meet specific welding requirements.



Changzhou Victory Technology Co., Ltd



+8619906119641



victory@dlx-alloy.com



victory-alloy.com

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