Nickel Alloy Welding Wire ERNiCrMo-4 Hastelloy C-276 Welding Wire In Chemical Industry

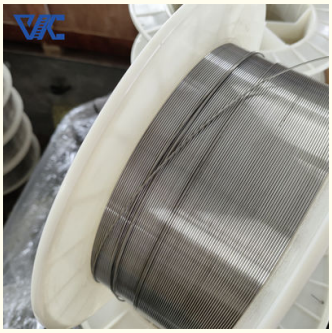
Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE,ROHS,ISO 9001
- Model Number: ERNiCrMo-4
- 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
- Application: Electric Power, Pressure Vessel
- Use Type: Mig Torch/tig Torch
- Yield Strength: ≥420Mpa
- Elongation: ≥27%
- Tensile Strength: ≥760Mpa
- Melting Point: 1290-1350
- Density: 8.4g/cm3
- Standard: AWS A5.14 ASME DIN
- Highlight: **Chemical Industry C276 Welding Wire**



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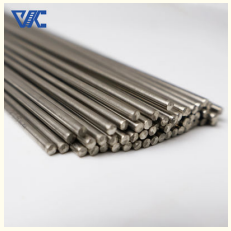


Our Product I

Product Description

Product Description:

Nickel Welding Wire

ERNiCrMo-4 is a nickel-based welding wire with excellent corrosion resistance and high temperature properties. It is mainly composed of elements such as nickel, chromium, molybdenum and iron, and is suitable for welding materials such as high-alloy steel, nickel-based alloys and stainless steel. ERNiCrMo-4 welding wire performs well in corrosive

media such as acid, alkaline and chloride, and can withstand oxidation and sulfurization erosion in high temperature environments. It also has stable arc characteristics and good weldability, and is suitable for a variety of welding methods. ERNiCrMo-4 welding wire is widely used in chemical, petroleum, aerospace, nuclear energy and other fields to manufacture welded joints in corrosion-resistant and high-temperature environments.
ERNiCrMo-4 nickel-based welding wire is a high-performance welding material suitable for welding applications in various corrosive environments and high temperature conditions. Its excellent corrosion resistance enables it to resist the erosion of acidic, alkaline and chloride media and maintain the stability and durability of welded joints.

Application:

ERNiCrMo-4 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-4 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-4 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-4 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-4 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-4 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-4 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
		0.8 1.2 2.4 3.2mm
TIG	(5kg/box),Strip	

ERNiCrMo-4

C	Cr	Cu	Fe	Mn	Mo	Ni	P	Si	S	Ti	Nb+Ta	Co	Al	V	W	Rest
0.02	14.5-16.5	0.5	4-7	1	15-17	Rest	0.04	0.08	0.03	0.4	N/A	2.5	N/A	0.35	3.0-4.5	≤0.50

Advantage:

1. Excellent corrosion resistance: ERNiCrMo-4 welding wire has excellent corrosion resistance and can resist the erosion of corrosive media such as acid, alkaline and chloride. This allows it to cope with various corrosive environments in the chemical industry, such as equipment such as chemical reactors, pipelines and storage tanks.
2. High temperature stability: ERNiCrMo-4 welding wire can withstand oxidation and sulfide erosion in high temperature environments and has good high temperature stability. This makes it suitable for equipment that needs to work in high-temperature processes, such as heat exchangers and high-temperature reactors.
3. Good weldability and process adaptability: ERNiCrMo-4 welding wire has good weldability and is suitable for a variety of welding methods, including manual arc welding, argon arc welding and plasma arc welding. It is also adaptable to different welding positions and process requirements, making it easy to operate and apply in the chemical industry.
4. Excellent mechanical properties: ERNiCrMo-4 wire welded joints have good mechanical properties, such as strength and toughness. This is critical to the structural strength and reliability of chemical equipment.

Customization:

Victory Nickel Welding Wire - ERNiCrMo-4

Looking for high quality and reliable nickel weld wire? Look no further than Victory's ERNiCrMo-4 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.

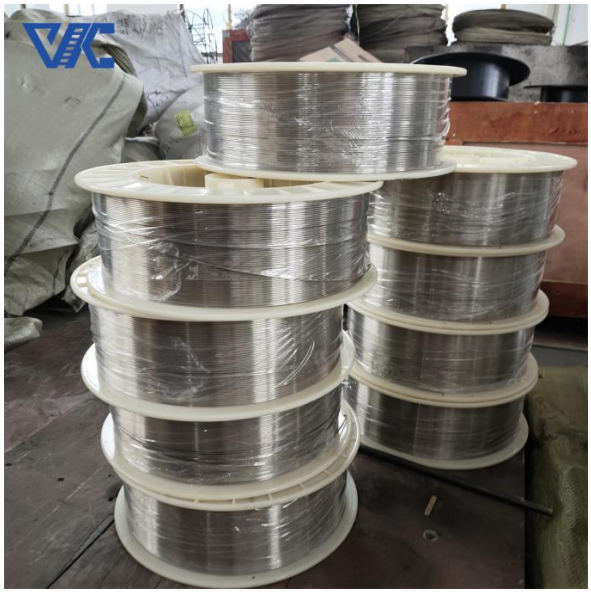
FAQ:

Q: In what applications is ERNiCrMo-4 welding wire commonly used?
Answer: ERNiCrMo-4 welding wire is widely used in welding applications in aerospace, chemical, marine and energy fields.

Q: What are the quality testing methods for ERNiCrMo-4 welding wire?
Answer: The quality inspection of ERNiCrMo-4 welding wire usually includes chemical composition analysis, diameter and appearance inspection, mechanical performance testing, welding performance evaluation, etc.

Q: Can ERNiCrMo-4 welding wire be customized?

Answer: Yes, ERNiCrMo-4 welding wire can be customized according to customer needs to meet specific welding requirements.



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