



High Temperature Prime Quality Nickle Alloy Wire GH4141 GH4098 GH4738 GH4648 In Stock

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: ISO 9001
- Model Number: GH3625
- 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

- Product Name: ERNiCrMo-3
- Diameter: 0.6 0.8 1.0 1.2 1.6 1.8 2.4
- Material: Nickel
- Melting Point: Standard
- Application: Cast Iron
- Customized Support: OEM, ODM, OBM
- Highlight: **ERNiCrMo-3 High Temperature Alloy, High Temperature Alloy GH3625, ERNiCrMo-3 high temperature metal alloys**

Product Description

Our Product Introduction

ERNiCrMo-3 Nickel Alloy GH3625 Wire

ERNiCrCoMo-3 Ni base alloy solid welding wire for welding which has excellent cracking resistance to ductility dip cracking in weld metal, can increase the tensile strength of the weld metal to not less than the tensile strength of the base material, and has excellent weld ability. It is face-centered cubic lattice structure for use at temperature up to 1350°C (2460°F). The Nickel-Chromium alloy is characterized by excellent corrosion resistance of different kinds of media in both oxidation and reduction environments. Excellent corrosion resistance at elevated and ambient temperatures, excellent resistance of the inorganic acid corrosion performance, excellent resistance of pitting and crevice corrosion, good machining and welding.



It is widely used in following field:

- 1) Marine Industries: it is used in sea-water for local mechanical stress attach.
- 2) Aerospace Industries.
- 3) Chemical Processing: the organic chemical process parts contains chloride, the digester and bleacher in the use of paper pulp and paper making industry, the equipment and parts in the use of acidic gas environments, acetic acid and anhydride reaction generator, sulfur acid cooling
- 4) Nuclear engineering: nuclear reactors
- 5) Pollution Control: Absorption tower, re-heater, gas import board, fan, blender, fair water fin, flue and so on.

Chemical Content(%)

Alloy	%	Ni	Cr	Mo	Nb+N	Fe	Al	Ti	C	Mn	Si	Cu	P
Inconel 625	Min.	58	20	8	3.15								
	Max.		23	10	4.15	5	0.4	0.4	0.1	0.5	0.5	0.5	0.015

Mechanical Properties

Aolly state	Tensile strength Rm N/mm ²	Yield strength R P 0.2N/mm ²	Elongation A 5 %	Brinell hardness HB	Density g/cm ³	Melti °C
625	760	345	30	≤220	8.4	1290

Product name	Corrosion Resistant Nickel Alloy GH3625 N06625 2.4856 NS336 Wire
Place of Origin	Jiangsu China
Customized	Customized packaging (Min. Order. 10Tons) Customized logo (Min. Order. 10 Tons) Graphic customized (Min. Order. 10 Tons)
Package	Bundle up
Weld Standard	Seamless
Technique	Cold Drawing
Price terms	FOB EXW CIF CFR

Physical Constants	
Density.g/cm3	8.9g/cm ³
Melting Range	1325-1370 °C
Characters	1. It is a versatile nickel-chromium-molybdenum-tungsten alloy with better overall corrosion resistance than nickel-chromium-molybdenum alloys. 2. It has good resistance to pitting corrosion, crevice corrosion and stress corrosion cracking. 3. It has excellent resistance to oxidative aqueous media, including wet chlorine, nitric acid or mixed acids containing chloride ions
Corrosion Resistance	It is suitable for various chemical process industries containing oxidizing and reducing media. The higher molybdenum and chromium contents make the alloy resistant to chloride ions, and the tungsten element further improves its corrosion resistance.

Applications	<ol style="list-style-type: none">1. Acetic acid, acetic anhydride2. Pickling3. Cellophane manufacturing4. Chlorination system5. Complex Mixed Acids6. Expansion bellows7. Flue gas cleaning system8. Geothermal Wells9. Nuclear fuel regeneration10. Insecticide production11. Phosphoric acid production12. Pickling system	
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