



Nichrome Corrosion Resistance Cr15Ni60 High Temperature Electrical Heating Resistance Alloy Wire

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: ISO 9001
- Model Number: A-286
- 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: A-286
- Material: Nickel Chromium
- Density: 0.287 Lb/in³, (7.94 G/cm³)
- Modulus Of Elasticity (E): At 70°F (20°C): 28.8 X 10³ Ksi (199 GPa)
- Modulus Of Rigidity (G): At 70°F (20°C): 11.2 X 10³ Ksi (77.0 GPa)
- Electrical Resistivity: 35.8 μΩ.in, (91 μΩ.cm)
- Thermal Conductivity: 88 Btu-in/ft²hr-°F, (12.7 W/m-K)
- Highlight: **Nickel Chromium High Temperature Alloy, High Temperature Alloy A-286, Incoloy high temp alloys**

Product Description

Incoloy® alloy A-286 is an age-hardenable Iron-Nickel-Chromium alloy with high strength and corrosion resistance at elevated temperatures. Incoloy® A-286 can operate from cryogenic temperatures up to 750°F. This age hardenable, Iron-Nickel-Chromium alloy is designed for applications requiring high strength and good corrosion resistance at temperatures up to 700°C (1290°F). Incoloy® A286's strength makes it ideal for various components as part of aircraft and industrial gas turbines. The alloy is also used in the offshore oil and gas industry, and for fastener applications in automotive engine and manifold components that are exposed to high levels of heat and stress.

Alloy A286 is an iron base, age-hardenable superalloy useful for applications requiring high strength and corrosion resistance up to 1300°F (704°C) and for lower stress applications at higher temperatures. The alloy is also used for low temperature applications requiring a ductile, non-magnetic high strength material at temperatures ranging from above room temperature down to at least -320°F (-196°C).

Our Product Introduction

APPLICATIONS

Seal rings
Retaining rings
Jet engine components
Power generation components

Product name	Factory Price Incoloy A286 UNS S66286 Nickel Alloy 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 other existing 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 of oxidative 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	1. Acetic acid, acetic anhydride 2. Pickling 3. Cellophane manufacturing 4. Chlorination system 5. Complex Mixed Acids 6. Expansion bellows 7. Flue gas cleaning system 8. Geothermal Wells 9. Nuclear fuel regeneration 10. Insecticide production 11. Phosphoric acid production 12. Pickling system

Element	Min %	Max %
C	0.03	0.08
Mn	1.00	2.00
Si	—	0.50
P	—	0.02
S	—	0.015
Cr	13.50	16.00
Ni	24.00	27.00
Mo	1.00	1.50
Ti	1.90	2.30
B	0.003	0.01
V	0.10	0.50
Co	—	1.00
Al	—	0.35
Cu	—	0.50
Pb	—	0.005
Fe	Bal	



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