



Corrosion Resistant Nickel Alloy Material Incoloy Alloy 800 825 Pipe Tube In Stock

Our Product Introduction

for more products please visit us on victory-alloy.com

Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: Incoloy 800, 800H, 800HT, 825, 925
- Minimum Order Quantity: 5 Kg
- Price: 30 - 499 kilograms \$48.90
- 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: 5-21 days
- Payment Terms: L/C, T/T, Western Union, MoneyGram
- Supply Ability: 300 tons per month

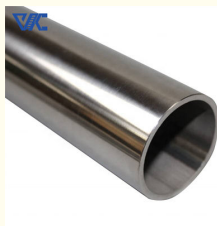


Product Specification

- Product Name: Incoloy Tube
- Material: Ni Fe Cr
- Nickel (Min): 72%
- Resistance ($\mu\Omega\cdot m$): 1.15
- Powder Or Not: Not Powder
- Ultimate Strength (\geq MPa): 500
- Elongation (\geq %): 35%
- Density (g/cm³): 8.4 G/cm³
- Surface: Bright
- Size: Customized
- Processing Service: Decoiling, Cutting, Bending
- Application: Aerospace Industry, Chemical Processing
- Highlight: Incoloy Alloy 800 Pipe, Corrosion Resistant Incoloy Alloy 825



More Images



Product Description

Our Product Introduction



INCOLOY TUBE

Incoloy 800,800H,800HT,825,925

Customized service available

Inconels are a class of nickel-chrome-based super alloys characterized by high corrosion resistance, oxidation resistance, strength at high temperatures, and creep resistance. Inconel is able to withstand elevated temperatures and extremely corrosive environments due to two factors.

INCONEL pipes and tubes retain all of the key characteristics associated with these nickel alloys. This includes industry-leading corrosion resistance, good strength and excellent high-temperature performance. Many different Grades of INCONEL are used to produce pipes and tubes, and they have various applications.

These alloys are used across a wide range of industries including refineries, chemical plants and power generation facilities.

Size dimension range:

Wire: 0.01-10mm

Strip: 0.05*5.0-5.0*250mm

Bar: ϕ 4-50mm;Length 2000-5000mm

Pipe: ϕ 6-273mm; δ 1-30mm;Length 1000-8000mm

Sheet: δ 0.8-36mm;Width 650-2000mm;Length 800-4500mm

Incoloy series:800,800H,800HT,825

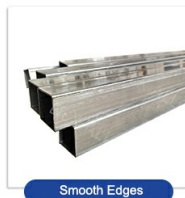
Item	800	800H	800HT	825	925
C	≤ 0.1	0.05-0.1	0.06-0.1	≤ 0.05	≤ 0.05
Mn	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1	≤ 1
Fe	rest	rest	rest	rest	rest
P	--	--	--	≤ 0.02	≤ 0.02
S	≤ 0.015	≤ 0.015	≤ 0.015	≤ 0.03	≤ 0.03
Si	≤ 1	≤ 1	≤ 1	≤ 0.5	≤ 0.5
Cu	≤ 0.75	≤ 0.75	≤ 0.75	1.5-3	1.5-3
Ni	30-35	30-35	30-35	38-46	42-50
Al	0.15-0.6	0.15-0.6	0.15-0.6	0.2-1	0.15-0.6
Ti	0.15-0.6	0.15-0.6	0.15-0.6	0.6-1.2	1.9-2.5
Cr	19-23	19-23	19-23	19.5-23.5	19.5-23.5
Mo	--	--	--	2.5-3.5	2.5-3.5

Product Details

High-quality materials and surface treatment technology



Metallic Luster



Smooth Edges



Product Comparison

The quality of our products has been strictly tested and guaranteed



OTHERS



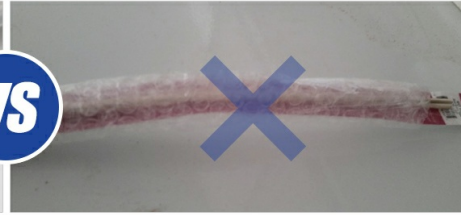
Smooth And Shiny Surface



Product Surface Rust



Product Quality Strict Inspection



Product Deformation

Application Field

Incoloy tubes are widely used in many fields



Nuclear Industry



Energy Industry



Food Processing Field



Device Field



Petrochemical Industry



Chemical Industry



Aerospace Industry



Marine Engineering

Incoloy alloy tubes are a type of high-performance nickel-chromium-based alloy, which possesses excellent corrosion resistance, high-temperature strength, and good mechanical properties. They are widely used in various fields, including:

1. Petrochemical industry: Incoloy alloy tubes are commonly used in the petrochemical industry for heat exchangers, reboilers, and distillation columns. They can withstand high-temperature and high-pressure environments, as well as corrosive media such as sulfuric acid and hydrofluoric acid.
2. Power generation industry: Incoloy alloy tubes are used in the power generation industry to manufacture boilers, superheaters, reheaters, and steam pipes. They can withstand high-temperature and high-pressure steam environments and resist oxidation and corrosion.
3. Aerospace industry: Incoloy alloy tubes are used in the aerospace industry for various applications, including aircraft engines, rocket engines, and other high-temperature and high-stress environments.
4. Nuclear energy industry: Incoloy alloy tubes are used in nuclear power plants to manufacture fuel elements, control rods, and other components that require high-temperature strength and corrosion resistance.
5. Food processing industry: Incoloy alloy tubes are suitable for use in the food processing industry as they are non-toxic and resistant to corrosion from various food acids and alkalis.

In summary, incoloy alloy tubes are a versatile material with a wide range of applications in various industries that require high-temperature strength, corrosion resistance, and good mechanical properties.

Product Process

The production process and technology used in the product



1 Nickel Plate Baking



2 Vacuum Refining



3 Electroslag Remelting



4 Forging



5 Ultrasonic Flaw Detection



6 Processing Round Bar



7 Dye Penetrant Inspection



8 Perforation



9 Cutting & Grinding



10 Cold Rolling Annealing



11 Surface Treatment



12 Finish Rolling



13 Annealing



14 Forming



15 Detection



16 Packaging

Product Comparison

The quality of our products has been strictly tested and guaranteed



Composition Detection



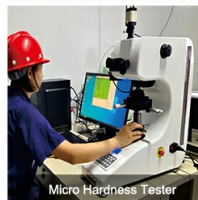
Composition Detection



Measuring Instrument



Micro Hardness Tester



Micro Hardness Tester



Tensile Test Equipment

OEM Services

We can provide customized services for customers

Product Customization

Size: custom made

We can customize incoloy tubes of any size and thickness.



Label Customization



We can provide label customization service for customers' products.

Recommended Products

Click to learn more about related products



Nickel Strip



Nickel Wire



Nickel Bar



Monel Tube



Inconel Bar



Hastelloy Alloy Tube

20+

Industry Experience

50+

Certifications

1000+

Metal Products

2000+

Cooperative Business

Company Profile

We are a leading alloy metal manufacturer founded in 2002, providing high-quality and high-performance alloy products and services to our customers. Our company is dedicated to becoming the industry leader in the alloy field, and we have received multiple industry certifications and awards, including the ISO9001 International Quality Management System Certificate and the SGS Certificate.

Over the past 18 years, we have focused on the resistance alloy business and continuously innovated and explored, ultimately developing new nickel-based alloy products such as chromium-nickel-iron alloy, Monel alloy, Hastelloy alloy, high-temperature alloy, and more.



Our Advantages

Our advantages can provide customers with better service



Our Certifications

Our products have obtained national standard certification



Our Partners

We have established long-term cooperative relationships with many partners



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