



Chemical Industry Inconel Tube Uns N07718 Nickel Alloy 718 Pipe With Anti-Corrosion

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: CE, ROHS, ISO 9001
- Model Number: Inconel 718
- Minimum Order Quantity: 1 Kg
- Price: Negotiable
- Packaging Details: Packed as coil. Special packaging requirements can also be accommodated. OEM is also acceptable
- Delivery Time: 7 to 20 Days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union, MoneyGram
- Supply Ability: 500 Ton/Tons per Month



Product Specification

- Product Name: Inconel 718 Pipe
- Material: Ni Cr Fe
- Ni (Min): 50%
- Application: Chemical Equipment, Pipes, Valves And Connections
- Density: 8.2 G/cm3
- Melting Point: 1,330°C
- Tensile Strength: 965 MPa
- Yield Strength: 550 MPa
- Thermal Conductivity: 6.4 W/m-K
- Highlight: Inconel Alloy Tube, Corrosion Resistant Inconel Alloy Pipe, Nickel Alloy Inconel Tube



More Images



Product Description

Introduction:

Inconel 718 Pipe is a high-performance pipe made primarily of nickel, chromium, and iron. It is specifically designed for use in demanding applications such as chemical equipment, pipes, valves, and connections. With a minimum nickel content of 50%, it offers exceptional resistance to corrosion and high-temperature environments. The pipe has a density of 8.2 g/cm³ and a melting point of 1,330°C, ensuring its durability and stability under extreme conditions. It exhibits impressive tensile strength of 965 MPa and a yield strength of 550 MPa, making it capable of withstanding high mechanical stresses. Additionally, with a thermal conductivity of 6.4 W/m-K, it efficiently transfers heat. Inconel 718 Pipe is a reliable choice for industries requiring reliable and durable piping solutions in challenging environments.

Characteristic:

Corrosion resistance: Inconel 718 pipe has excellent corrosion resistance and can withstand corrosive media in the chemical industry, including acids, alkalis, salts and oxides.

High temperature stability: This pipe can maintain high strength and stability under high temperature conditions and is suitable for high temperature processes and high temperature media in the chemical industry.

Oxidation resistance: Inconel 718 pipe has good antioxidant properties and can resist damage and corrosion in high-temperature oxidizing environments.

Advantage:

Corrosion resistance: One of the advantages of Inconel 718 pipe in the chemical industry is its excellent corrosion resistance, which allows it to be used in corrosive media for a long time without damage.

High temperature performance: The pipe has excellent high temperature performance and can withstand the requirements of high temperature processes and high temperature media in the chemical industry.

Strength to Weight Ratio: Inconel 718 pipe has a high strength to weight ratio, making it ideal for lightweight designs and reducing structural weight in the chemical industry.

Application:

Chemical equipment: Inconel 718 pipe can be used in various equipment in the chemical industry, such as reactors, distillation columns, heat exchangers and storage tanks, etc. Its corrosion resistance and high temperature stability enable it to withstand corrosive media and high temperature conditions in chemical processes.

Oil and Gas Industry: Inconel 718 pipe can be used in pipes, valves and connections in the oil and gas industry. Its corrosion resistance and high temperature properties allow it to withstand the corrosive media and high temperature conditions found in oil and gas.

Chemical Catalysts: Inconel 718 tubes can be used as catalyst carriers and reaction bed materials in the chemical industry. Its corrosion resistance and oxidation resistance enable it to withstand the process conditions and oxidizing environment of the catalyst reaction.

Other relevant knowledge points:

The chemical industry refers to the industrial fields involving chemical production, petrochemicals, chemical engineering and chemical manufacturing.

In the chemical industry, material selection requires considerations such as corrosion resistance, high-temperature performance, strength-to-weight ratio, and oxidation resistance.

The design, manufacture and use of chemical equipment and pipelines need to comply with the relevant standards and specifications of the chemical industry to ensure the safety, reliability and compliance of the equipment with chemical industry requirements.

Parameter:

Chemical Properties of Inconel 718

Item	C	Mn	Fe	P	S	Si	Cu	Ni	Co	Al	Ti	Cr	Nb+Ta	Mo	B
Inconel 718	≤0.08	≤0.35	rest	--	≤0.01	≤0.35	≤0.3	50-55	≤1	0.2-0.8	--	17-21	4.75-5.5	2.8-3.3	--

Type we could offer

AMS Number	Alloy	Type	UNS	Cross Ref. Spec	Misc./Shape
AMS 5590	Inconel 718	Nickel	N07718	-	Tubing
AMS 5596 Foil	Inconel 718	Nickel	N07718	-	Foil
AMS 5596 Plate	Inconel 718	Nickel	N07718	-	Plate
AMS 5596 Sheet	Inconel 718	Nickel	N07718	-	Sheet

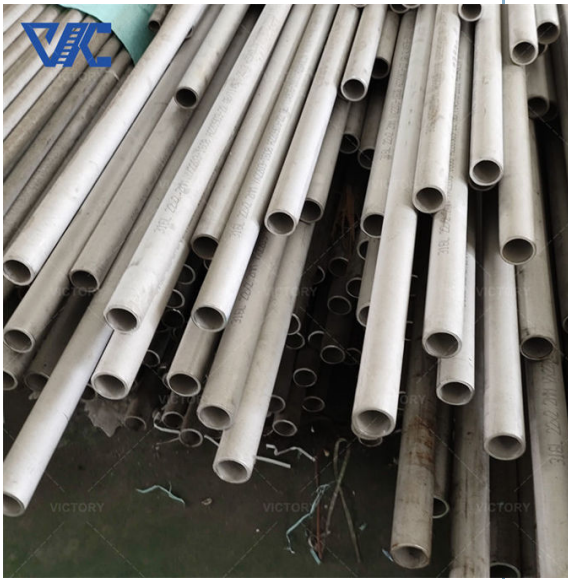
AMS Number	Alloy	Type	UNS	Cross Ref. Spec	Misc./Shape
AMS 5596 Strip	Inconel 718	Nickel	N07718	-	Strip
AMS 5597 Plate	Inconel 718	Nickel	N07718	-	Plate
AMS 5597 Sheet	Inconel 718	Nickel	N07718	-	Sheet
AMS 5597 Strip	Inconel 718	Nickel	N07718	-	Strip
AMS 5662 Bar	Inconel 718	Nickel	N07718	-	Bar
AMS 5662 Custom Tube	Inconel 718	Nickel	N07718	-	Custom Tube
AMS 5662 Ring	Inconel 718	Nickel	N07718	-	Ring
AMS 5663 Bar	Inconel 718	Nickel	N07718	-	Bar
AMS 5663 Custom Tube	Inconel 718	Nickel	N07718	-	Custom Tube
AMS 5663 Ring	Inconel 718	Nickel	N07718	-	Ring
AMS 5664 Bar	Inconel 718	Nickel	N07718	-	Bar
AMS 5664 Custom Tube	Inconel 718	Nickel	N07718	-	Custom Tube
AMS 5664 Ring	Inconel 718	Nickel	N07718	-	Ring

AMS Number	Alloy	Type	UNS	Cross Ref. Spec	Misc./Shape
AMS 5832	Inconel 718	Nickel	N07718	-	Wire
AMS 5962 Bar	Inconel 718	Nickel	N07718	-	Bar
AMS 5962 Wire	Inconel 718	Nickel	N07718	-	Wire



Shape	Size(mm)
Wire	0.5-7.5
Rod/Bar	8.0-200
Strip	(0.5-2.5)*(5-180)
Tube	custom made
Plate	custom made

contact us
email:victory@dlx-alloy.com
 Oem service:
 Welcome customized size
 We are experience factory for OEM&ODM service



Q & A:

Q: Can your company provide customized solutions for Inconel 718 tubes?

A: Yes, we specialize in providing customized solutions for Inconel 718 tubes. We work closely with our customers to understand their specific requirements and tailor the tubes to their desired dimensions, lengths, and shapes.

Q: What is the typical lead time for customizing Inconel 718 tubes?

A: The lead time for customizing Inconel 718 tubes may vary depending on the complexity of the customization and the quantity required. However, we strive to minimize lead times and provide efficient turnaround.



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