



## ASTM B444 UNS N06625 Inconel Alloy 625 Seamless Nickel Pipe & Tube Supplier Price Per KG

Our Product Introduction

### Basic Information

- Place of Origin: China
- Brand Name: Victory
- Certification: ISO
- Model Number: Inconel 625
- Minimum Order Quantity: 50 KGS
- Price: 50 - 500 kgs \$32-\$38
- Packaging Details: Wooden Case
- Delivery Time: 21-45 working days
- Payment Terms: L/C, T/T, Western Union, Paypal
- Supply Ability: 10 Tons Per Month



### Product Specification

- Surface: Bright/Acid White
- Density: 8.44 G/cm3
- Tensile Strength: 830 Mpa
- Yield Strength (0.2% Offset): 410 Mpa
- Elongation: 30%
- Melting Range: 1290-1350 °C
- Wall Tolerance:  $\pm 3-5\%$
- Pipe Type: Seamless / ERW / Welded / Fabricated / LSAW Pipe
- Pipe End: Plain End, Beveled End, Treaded
- MOQ: 50KGS
- Delivery Lead Time: 21-40 Working Days
- Highlight: **625 Seamless Nickel Pipe, Seamless ASTM B444 Inconel Alloy, UNS N06625 Inconel Alloy**



### More Images



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## Product Description

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Inconel 625 alloy is a solid solution strengthened nickel-based deformed high-temperature alloy with molybdenum and niobium as the main strengthening element. It has excellent corrosion resistance and high oxidation properties. It has good tensile properties and fatigue properties from low temperature to 980°C, and is resistant to Stress corrosion in salt spray atmosphere. Alloy 625 has good processing and welding properties.

#### What Are The Features of Inconel Alloy 625?

Excellent corrosion resistance:

Inconel 625 maintains excellent corrosion resistance in harsh chemical environments.

It has excellent antioxidant, acid and alkali resistance, stress corrosion cracking and other properties.

It is widely used in corrosive environments such as chemical industry and ocean.

Excellent high temperature performance:

Maintains good mechanical strength and oxidation resistance at temperatures up to 816°C (1,500°F).

Excellent resistance to creep and thermal fatigue at high temperatures.

Good mechanical properties:

Has high strength, toughness and hardness.

It can withstand various processing and stress and is suitable for complex forming processes.

Excellent weldability:

The welded joint has high strength and good heat resistance.

Post-weld heat treatment is simple and less likely to cause heat-affected zone problems.

Excellent thermal stability:

Low thermal expansion coefficient and good thermal conductivity.

Strong resistance to thermal stress corrosion cracking.

#### Inconel Alloy Series Composition:

Item	Inconel 600	Inconel 601	Inconel 617	Inconel 625	Inconel 690	Inconel718	Inconel X750	Inconel 825
C	≤0.15	≤0.1	0.05-0.15	≤0.08	≤0.05	≤0.08	≤0.08	≤0.05
Mn	≤1	≤1.5	≤0.5	≤0.35	≤0.5	≤0.35	≤1	≤1
Fe	6-10	rest	≤3	rest	7-11	rest	5-9	≥22
P	≤0.015	≤0.02	≤0.015	--	--	--	--	--
S	≤0.015	≤0.015	≤0.015	≤0.015	≤0.015	≤0.01	≤0.01	≤0.03
Si	≤0.5	≤0.5	≤0.5	≤0.35	≤0.5	≤0.35	≤0.5	≤0.5
Cu	≤0.5	≤1	--	≤0.3	≤0.5	≤0.3	≤0.5	1.5-3
Ni	≥7.2	58-63	≥44.5	50-55	≥58	50-55	≥70	38-46
Co	--	--	10-15	≤10	--	≤1	≤1	--
Al	--	1-1.7	0.8-1.5	≤0.8	--	0.2-0.8	0.4-1	≤0.2
Ti	--	--	≤0.6	≤1.15	--	≤1.15	2.25-2.75	0.6-1.2
Cr	14-17	21-25	20-24	17-21	27-31	17-21	14-17	19.5-23.5
Nb+Ta	--	--	--	4.75-5.5	--	4.75-5.5	0.7-1.2	--
Mo	--	--	8-10	2.8-3.3	--	2.8-3.3	--	2.5-3.5
B	--	--	≤0.006	--	--	--	--	--

Inconel 625 Alloy Parameter:

Density(g/cm3)	Melting Point (°C)
8.44	1320-1370 °C





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