



KSG ASTM B466 Copper Nickel Pipes Seamless Tubes UNS C71500/C71640

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: KASUGAI
- Certification: complete with CE / PED 2014/68/EU/MTC 3.1(issued by KSG)
- Model Number: e ASTM111 or BS 2871 part 2 CN-107 UNS C71500/UNS C7164
- Minimum Order Quantity: depends on location.
- Price: USD
- Packaging Details: by plywood case
- Delivery Time: 45 55days depends on quantity
- Payment Terms: T/T100% IN ADVANCE
- Supply Ability: 60~80t



Product Specification

Product Description

Premium KSG ASTM B466 Copper Nickel Pipes & Seamless Tubes for Demanding Applications

KSG delivers high-performance Copper Nickel Pipes and seamless tubes, manufactured to the stringent ASTM B466 standard. Our pipes utilize premium UNS C71500 (90-10 CuNi) and UNS C71640 (70-30 CuNi) alloys, renowned for their exceptional resistance to corrosion, biofouling, and stress corrosion cracking. Supplied directly from certified facilities in China under the trusted Japanese KSG brand, these tubes meet the rigorous specifications of ASTM B111 and BS 2871 Part 2 CN-107, ensuring global compliance and reliability.

Ideal for Critical Environments:

KSG Copper Nickel Pipes are the superior choice for marine and offshore applications where failure is not an option. They excel in:

Marine Piping Systems: Seawater handling, ballast lines, fire mains, bilge systems.

Heat Exchangers & Condensers: Offering excellent thermal conductivity combined with outstanding corrosion resistance in seawater, brackish water, and refinery environments.

Offshore Oil & Gas Platforms: Handling process fluids, cooling water, and utility systems.

Desalination Plants: Resisting the harsh conditions of seawater intake and brine handling.

Power Generation: Condenser and heat exchanger tubing.

Key Features & Advantages:

Superior Corrosion Resistance: Outstanding resistance to seawater corrosion, impingement attack, and biofouling significantly extends system lifespan.

High Thermal Conductivity: Efficient heat transfer performance essential for condensers and heat exchangers.

Excellent Mechanical Strength & Toughness: Provides structural integrity under pressure and in demanding service conditions.

Good Fabricability & Weldability: Allows for easier installation and modification using common techniques suitable for copper-nickel alloys.

Biofouling Resistance: Naturally inhibits marine growth, reducing maintenance frequency and costs.

Proven Seamless Construction: Manufactured as seamless tubes (ASTM B466), ensuring uniformity, strength, leak-proof performance, and enhanced pressure containment reliability.

Global Standards Compliance: Guaranteed adherence to ASTM B466 / B111 (USA) and BS 2871 Part 2 CN-107 (UK) specifications.

Certified Quality: Backed by essential certifications including CE / PED 2014/68/EU and MTC 3.1 issued by KSG, providing traceability and assurance.

KSG Brand Assurance: Manufactured under strict Japanese quality control protocols for consistent excellence.

Technical Parameters (Typical):

Parameter	Specification / Range	Standard Reference
Material	UNS C71500 (90-10 CuNi) / UNS C71640 (70-30 CuNi)	ASTM B466
Type	Seamless Pipe / Tube	
Standards	ASTM B466, ASTM B111, BS 2871 Pt 2 CN-107	
Outer Diameter	Customizable (Per Std. Sizes)	
Wall Thickness	Customizable (Per Std. Schedules)	
Length	Random or Cut Lengths (Customizable)	
Pressure Rating	Varies by Size, Wall, & Alloy (ASME B31.3 Calc)	
Temp. Range	Excellent performance from Cryogenic to +400°C	
Certification	CE / PED 2014/68/EU, MTC 3.1 (KSG Issued)	
Surface	Clean, Bright Annealed or as Drawn	

Frequently Asked Questions (FAQ):

Q: What's the difference between UNS C71500 and UNS C71640 pipes?

A: UNS C71500 (90-10 CuNi) offers excellent general seawater corrosion resistance and good strength. UNS C71640 (70-30 CuNi) provides superior strength, enhanced resistance to impingement and erosion corrosion, and better stress corrosion cracking resistance, often used for higher-pressure or more critical seawater service.

Q: Are KSG Copper Nickel Pipes suitable for seawater?

A: Absolutely. Both UNS C71500 and UNS C71640 alloys are specifically designed for outstanding performance in seawater and marine environments, offering excellent corrosion and biofouling resistance.

Q: What certifications do these pipes come with?

A: KSG pipes are supplied with CE marking under PED 2014/68/EU for pressure equipment and Material Test

Certificates (MTC) to 3.1 level issued by KSG, ensuring traceability and compliance.

Q: What is the minimum order quantity (MOQ)?

A: The MOQ depends on your specific location and requirements. Please contact us via chat or inquiry for details tailored to your needs.

Q: What is the lead time and payment terms?

A: Delivery typically takes 45-55 days, depending on order quantity. Payment terms are 100% T/T (Telegraphic Transfer) in advance.

Q: How are the pipes packaged?

A: Pipes are securely packed in plywood cases to ensure safe transit and prevent damage.

Invest in Long-Term Performance with KSG Copper Nickel Pipes. Contact us today via chat for a competitive quote, detailed specifications, or technical support tailored to your project requirements.



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