



## ASTM A333/ASME SA333 Gr.6 Seamless Alloy Steel Tube 10-324mm OD

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A333/ASME SA333 Gr.6
- Minimum Order Quantity: 1
- Price: Negotiable
- Packaging Details: Standard Export Packing
- Delivery Time: 7~30 working days
- Payment Terms: L/C, D/A, D/P, T/T, Western Union



#### Product Specification

- Name: Seamless Alloy Steel Pipes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASTM A333/ASME SA333 Gr.6
- Material: Alloy Steel Pipe
- Wall Thickness: 1-30mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 10-324mm
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Oil/Gas Drilling, Machinery Industry
- Highlight: **sa333 gr.6 seamless alloy steel tube ,  
astm seamless alloy steel tube ,  
astm alloy steel seamless tubes**



## Product Description

### ASTM A333/ASME SA333 Gr.6 Alloy Seamless Steel Tubes/Pipes: High-Performance Tubing for Chilled Applications

**1. Product Description:** ASTM A333/ASME SA333 Gr.6 Alloy Seamless Steel Tubes/Pipes are designed for applications requiring service at low temperatures. These tubes and pipes are manufactured from alloy steel that is seamless, ensuring uniform wall thickness and exceptional structural integrity. The Grade 6 specification denotes a particular level of mechanical properties suitable for cryogenic and freezing environments.

#### 2. Product Parameters:

| Parameter         | Description   |
|-------------------|---|
| Grade             | ASTM A333/ASME SA333 Gr.6   |
| Material          | Alloy Steel (Seamless)  |
| Standard          | ASTM A333, ASME SA333   |
| Size Range        | Various diameters and wall thicknesses as per ASTM/ASME standards |
| Length            | Standard lengths, customizable upon request                       |
| Ends              | Plain ends, beveled ends, threaded, or socket-weld ends           |
| Surface Treatment | As-rolled, annealed, or normalized                                |

#### 3. Mechanical Properties:

| Property         | Typical Requirements                             |
|------------------|--|
| Tensile Strength | ≥415 MPa (60,000 psi)                            |
| Yield Strength   | ≥240 MPa (35,000 psi)                            |
| Elongation       | ≥20% in 50 mm (2 in) or 4D, whichever is greater |
| Hardness         | Varies depending on heat treatment               |

#### 4. Chemical Composition:

| Element    | Typical Range (%) |
|------------|-------------------|
| Carbon     | 0.27 - 0.35       |
| Manganese  | 0.35 - 0.60       |
| Phosphorus | ≤ 0.025           |
| Sulfur     | ≤ 0.025           |
| Silicon    | ≤ 0.35            |

#### 5. Product Applications:

**Cryogenic Piping:** Used for transporting liquefied gases and other cryogenic substances.

**Refrigeration Systems:** Ideal for systems that require low temperature operation.

**Chemical Processing:** Suitable for handling chemicals that require low-temperature storage and transport.

**Oil and Gas Industry:** Employed in pipelines and equipment for oil and natural gas exploration in cold regions.

**Power Generation:** Utilized in power plants for steam lines and other systems operating under low temperatures.

#### 6. Product Advantages:

**Seamless Construction:** Provides a consistent material structure and eliminates potential seam-related failures.

**Low-Temperature Service:** Alloy steel composition ensures reliable performance in cryogenic conditions.

**Pressure Resistance:** Designed to withstand high internal pressures, essential for power generation and petrochemical applications.

**Corrosion Resistance:** Offers resistance to various environmental conditions common in low-temperature applications.

**Long Service Life:** Built to last with minimal maintenance in demanding environments.

## Product Image

Cangzhou Baoyang Pipeline Co., Ltd







**Company Profile**

# BAOYANG · CHINA COMPANY INFORMATION

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## Cangzhou BaoYang Pipe Industry Co., Ltd

Cangzhou Baoyang Pipe Industry Co., Ltd. is located in the Hope New Area of Mengcun County, Hebei Province, China's pipeline equipment base. It is an enterprise that integrates spot storage of steel pipes, production of pipe fittings, and sales and exports. Our company mainly operates seamless pipes made of special materials, and has long-term good cooperative relationships with major steel mills such as Tianjin Seamless, Hengyang Hualing, Yantai Lubao, Inner Mongolia Baosteel, Shanghai Baosteel, Jiangsu Chengde, Anhui Tianda, etc. Our products are widely used in pipeline engineering fields such as petroleum, petrochemical, chemical, natural gas, thermal power, boilers, etc

**Factory Tour**

## Factory Picture

Cangzhou Baoyang Pipeline Co., Ltd



team introduction



## OUR FRIENDS



Applications

## BAOYANG · CHINA APPLICATION SCENARIOS



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