



## Ferritic And Austenitic Seamless Boiler Tubes ASTM A213 / ASME SA213 T2

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A213/ASME SA213 T2
- 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 A213/ASME SA213 T2
- 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: **austenitic seamless boiler tubes, seamless boiler tubes astm, ferritic steel boiler tubes**



## Product Description

### ASTM A213/ASME SA213 T2 Seamless Ferritic and Austenitic Alloy-Steel Boiler Tubes

**1. Product Description:** ASTM A213/ASME SA213 T2 Seamless Ferritic and Austenitic Alloy-Steel Boiler Tubes are engineered for high-temperature applications such as boiler systems and heat exchangers. These tubes combine the benefits of ferritic and austenitic steels, offering a balance of strength, ductility, and corrosion resistance. The seamless design ensures uniform wall thickness and superior structural integrity, making them ideal for critical boiler and heat exchanger applications.

#### 2. Product Parameters:

| Parameter         | Description   |
|-------------------|---|
| Grade             | ASTM A213/ASME SA213 T2   |
| Material          | Ferritic and Austenitic Alloy Steel (Seamless)                    |
| Standard          | ASTM A213, ASME SA213   |
| 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   | ≥205 MPa (30,000 psi)                            |
| Elongation       | ≥30% in 50 mm (2 in) or 4D, whichever is greater |
| Hardness         | Varies depending on heat treatment               |

#### 4. Chemical Composition:

| Element    | Typical Range (%) |
|------------|-------------------|
| Carbon     | ≤0.08             |
| Manganese  | ≤1.00             |
| Phosphorus | ≤0.025            |
| Sulfur     | ≤0.025            |
| Silicon    | ≤0.50             |
| Chromium   | 11.5 - 13.5       |
| Nickel     | 3.5 - 5.5         |

#### 5. Product Applications:

**Boiler Tubes:** Used for steam generation in high-pressure boilers.

**Superheater Tubes:** Employed in superheater sections to raise steam temperature.

**Heat Exchangers:** Suitable for use in heat exchangers operating under high pressure and temperature.

**Pressure Vessels:** Ideal for construction of high-pressure vessels and reactors.

**Gas and Oil Industry:** Utilized in pipelines and equipment for oil and natural gas transport.

#### 6. Product Advantages:

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

**Ferritic and Austenitic Balance:** Offers a unique combination of properties from both types of steel.

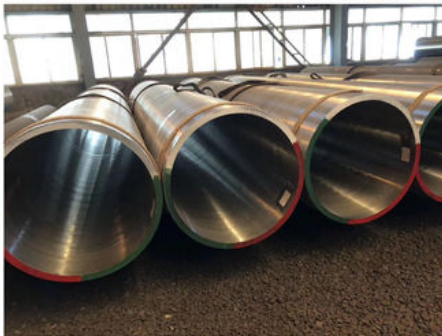
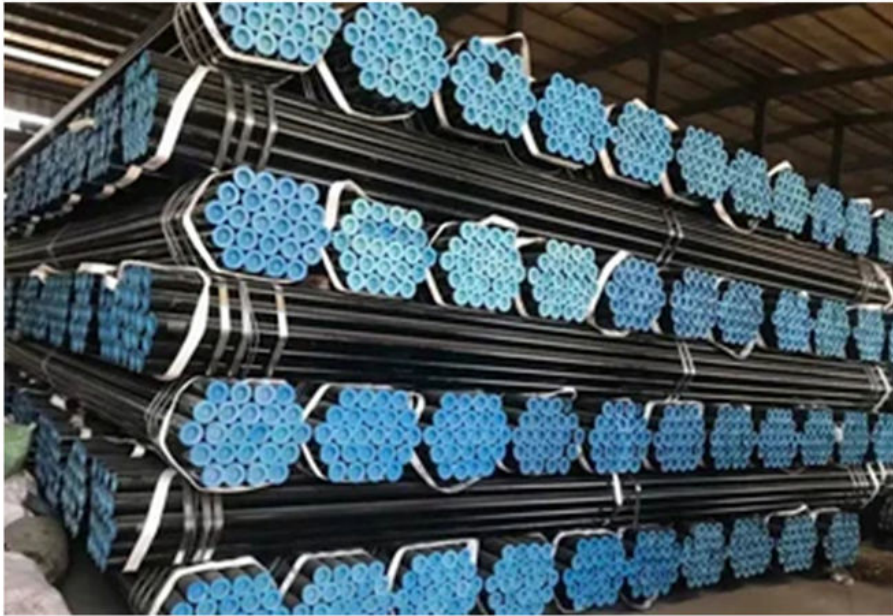
**High-Temperature Resistance:** Alloy composition provides excellent resistance to high temperatures and thermal cycling.

**Corrosion Resistance:** Enhanced resistance to corrosion and oxidation due to the alloy content.

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

## Product Image

Cangzhou Baoyang Pipeline Co., Ltd





**Company Profile**

# BAOYANG · CHINA COMPANY INFORMATION

---



## 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



Cangzhou Baoyang Pipeline Equipment Co., Ltd.



+8615131762322



BYpipe001@pipe-seamless.com



pipe-seamless.com

Room 512, Block B, Tiancheng Building, Yunhe District, Cangzhou City