



ASTM A213 ASME SA213 Seamless Carbon Steel Tube For High Pressure Boiler

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A213 ASME SA213
- 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 Steam Steel Boiler Pipes/Tubes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Material: Carbon Steel Alloy Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Oil/Gas Drilling, Machinery Industry
- Highlight: **asme sa213 seamless carbon steel tube , boiler pipe carbon steel seamless, boiler seamless carbon steel tube**



Product Description

ASTM A213/ASME SA213 Seamless Steel Tubes for High Pressure Boilers

1. Product Description: ASTM A213/ASME SA213 Seamless Steel Tubes are precision-engineered tubes designed specifically for high pressure boiler applications. These tubes are manufactured from high-quality alloy steel, ensuring seamless construction that provides uniform wall thickness and exceptional structural integrity. The seamless tubes offer superior performance in terms of pressure resistance and heat transfer efficiency.

2. Product Features:

Seamless Construction: Ensures no weak points and enhances overall strength.

High Alloy Content: Provides excellent creep resistance and heat resistance.

Dimensional Accuracy: Meets stringent dimensional and geometrical standards.

Quality Assurance: Undergoes rigorous testing to ensure compliance with ASTM and ASME standards.

3. Product Parameters:

Parameter	Description
Standard	ASTM A213/ASME SA213
Material	Alloy Steel (Seamless)
Grade	T11, T12, T22, T23, T91, T92, and others depending on specific requirements
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

4. Mechanical Properties:

Property	Typical Requirements
Tensile Strength	Varies by grade, e.g., T11: ≥ 415 MPa (60,000 psi)
Yield Strength	Varies by grade, e.g., T11: ≥ 205 MPa (30,000 psi)
Elongation	Typically $\geq 20\%$ in 50 mm (2 in) or 4D, whichever is greater
Hardness	Varies depending on heat treatment

5. Chemical Composition:

Element	Typical Range (%) by Grade (Example: T11)
Carbon	0.05 - 0.15
Chromium	0.40 - 0.70
Molybdenum	0.40 - 0.60
Manganese	≤ 0.50
Phosphorus	≤ 0.025
Sulfur	≤ 0.025

6. Product Applications:

High Pressure Boilers: Designed for use in high pressure and high temperature boiler systems.

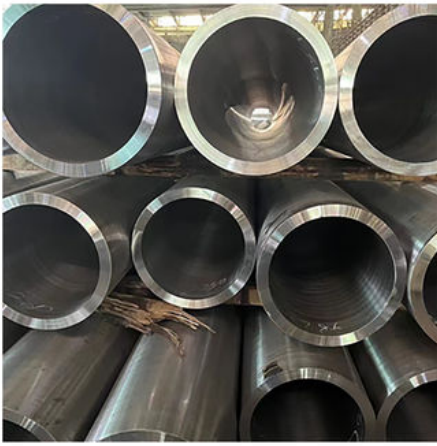
Superheater and Reheater Tubes: Utilized in superheater and reheater sections of power plants.

Heat Exchangers: Suitable for various heat exchanger applications in the petrochemical and refining industries.

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

7. Conclusion: ASTM A213/ASME SA213 Seamless Steel Tubes for High Pressure Boilers are engineered to meet the rigorous demands of high-pressure boiler systems. Their seamless design, alloy composition, and adherence to ASTM and ASME standards ensure that these tubes provide a reliable and durable solution for critical applications in the power generation and petrochemical industries.

Product Image





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