



ASTM A210 / ASME SA210 210C Seamless Carbon Steel Tube 6-2500mm OD

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A210 / ASME SA210 210C
- 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 Carbon Steel Tube
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASTM A210 / ASME SA210 210C
- Material: Carbon Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 6-2500mm
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Oil/Gas Drilling, Machinery Industry
- Highlight: **210c seamless carbon steel tube, astm seamless steel tube, astm seamless carbon steel tube**



Product Description

ASTM A210/ASME SA210 Grade 210C Carbon Steel Seamless Tubes: High-Temperature and Pressure Resistance

1. Product Description: ASTM A210/ASME SA210 Grade 210C Carbon Steel Seamless Tubes are designed for applications requiring high-temperature and pressure resistance. These tubes are manufactured from carbon steel and are seamless, providing a uniform wall thickness and exceptional structural integrity. The 'C' grade indicates a specific level of mechanical properties that make these tubes suitable for use in boiler, superheater, and heat exchanger applications.

2. Product Parameters:

Parameter	Description
Grade	ASTM A210/ASME SA210 Grade 210C
Material	Carbon Steel (Seamless)
Standard	ASTM A210, ASME SA210
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	Requirement
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	Typically Rockwell B 90 max for tubes ≤ 2 in (50 mm) in diameter

4. Chemical Composition:

Element	Typical Range (%)
Carbon	0.15 - 0.30
Manganese	0.35 - 0.60
Phosphorus	≤ 0.025
Sulfur	≤ 0.025
Silicon	≤ 0.35

5. Product Uses:

Boiler Tubes: Used in power and industrial boilers for high-temperature steam generation.

Superheater Tubes: Employed in the superheater sections of steam power plants to further raise steam temperature.

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

Pressure Vessels: Utilized in the construction of high-pressure vessels and reactors.

Refineries: Ideal for high-temperature pipelines and components in oil refineries.

6. Product Grade Standards:

ASTM A210: Specifies the requirements for seamless ferritic and austenitic alloy-steel boiler, superheater, and heat-exchanger tubes.

ASME SA210: Provides similar specifications and is referenced in the context of mechanical engineering and boiler and pressure vessel codes.

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