



ASTM A210 ASME SA210 GR.A1 GR.C Carbon Steel Seamless Steel Pipe For Boiler

Our Product Introduction

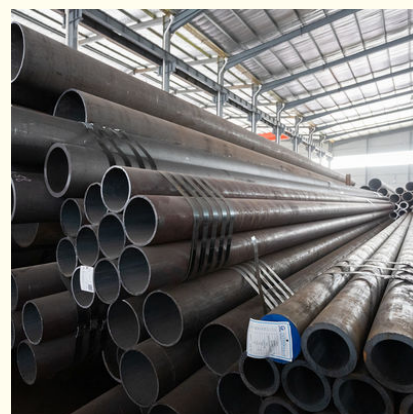
Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A210 ASME SA210 GR.A1 GR.C
- 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
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Oil/Gas Drilling, Machinery Industry
- Highlight: **gr.c carbon steel seamless steel pipe ,
sa210 carbon steel pipe seamless ,
sa210 carbon steel seamless steel pipe**



Product Description

ASTM A210 ASME SA210 GR.A1 GR.C Seamless Steel Tubes For Boiler

ASTM A210 ASME SA210 GR.A1 GR.C Seamless Steel Tubes are widely used in the boiler and heat exchanger industries for high-pressure and high-temperature applications. These seamless steel tubes conform to the specifications outlined in the ASTM A210 and ASME SA210 standards, ensuring their quality and performance in demanding boiler systems.

Standard: ASTM A210, ASME SA210
Grade: GR.A1, GR.C

Application:

ASTM A210 ASME SA210 GR.A1 GR.C Seamless Steel Tubes are primarily used in boiler systems and heat exchangers, including:

Boilers: These tubes are essential components in boiler systems, where they facilitate the transfer of heat from the burning fuel to the water or steam.

Heat Exchangers: They are employed in various heat exchanger applications that require high-pressure and high-temperature capabilities, such as in power generation, petrochemical, and industrial processes.

Chemical Composition:

Element	GR.A1 Composition (%)	GR.C Composition (%)
Carbon (C)	0.27 max	0.35 max
Manganese (Mn)	0.93 max	0.29-1.06
Phosphorus (P)	0.035 max	0.035 max
Sulfur (S)	0.035 max	0.035 max
Silicon (Si)	0.10 min	-

Mechanical Properties:

Property	GR.A1 Minimum Value	GR.C Minimum Value
Tensile Strength	415 MPa (60,200 psi)	485 MPa (70,300 psi)
Yield Strength	255 MPa (37,000 psi)	275 MPa (40,000 psi)
Elongation	30% min	30% min
Hardness (HRB)	79 max	89 max

Note: The mechanical properties are tested on the longitudinal specimens as per ASTM A210 requirements.

Product Features:

High Pressure Resistance: ASTM A210 ASME SA210 tubes are designed to withstand high pressures encountered in boiler systems, ensuring safe and efficient operation.

High-Temperature Resistance: These tubes exhibit excellent resistance to high temperatures, making them suitable for applications involving superheated steam or hot gases.

Seamless Construction: The seamless manufacturing process eliminates weld seams, enhancing the tubes' strength, reliability, and resistance to leaks.

Corrosion Resistance: The steel composition provides good resistance against corrosion in boiler environments.

Precision Dimensions: ASTM A210 ASME SA210 tubes are manufactured with precise dimensions, ensuring compatibility and ease of installation in boiler systems.

In conclusion, ASTM A210 ASME SA210 GR.A1 GR.C Seamless Steel Tubes, conforming to the ASTM A210 and ASME SA210 standards, offer exceptional mechanical properties, high-pressure resistance, and high-temperature capabilities. They are widely used in boiler systems and heat exchangers for efficient heat transfer and safe operation. These seamless steel tubes provide reliable performance in demanding boiler applications.

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



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