



SA210M GR.C American Standard Carbon Steel Seamless Pipe

Our Product Introduction

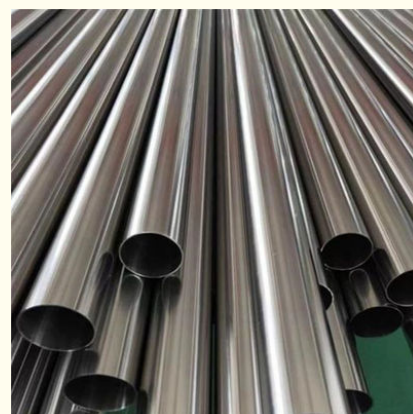
Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: SA210M 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: American Standard Steel Pipes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASTM/ASME/DIN/En
- Material: A53 Gr/A GRB, 106 GR.A GR.B
- 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: **sa210m a53 carbon steel pipe, sa210m carbon steel seamless pipe, gr.c a53 carbon steel pipe**



Product Description

SA210M Gr.C American Standard Carbon Steel Seamless Pipe

1. Product Description: SA210M Gr.C American Standard Carbon Steel Seamless Pipes are engineered to provide exceptional strength and durability for high-temperature applications. These pipes are manufactured from carbon steel and are seamless, ensuring a uniform wall thickness and optimal resistance to pressure and wear. The 'Gr.C' designation indicates the grade, which is known for its good creep-rupture strength, making it suitable for use in boiler and superheater applications.

2. Product Parameters:

Parameter	Description
Grade	SA210M Gr.C
Material	Carbon Steel (Seamless)
Standard	ASME SA210M
Size Range	Various diameters and wall thicknesses
Length	Standard lengths, customizable upon request
Ends	Plain ends, beveled ends, threaded, or socket-weld ends
Surface Treatment	As-rolled, annealed, or normalized

3. Product Advantages:

Seamless Construction: Offers uniform wall thickness and enhanced resistance to pressure.

High-Temperature Resistance: Designed for service in high-temperature environments.

Creep-Rupture Strength: The 'Gr.C' grade offers improved resistance to creep and rupture at elevated temperatures.

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

Corrosion Resistance: Offers resistance to corrosion, reducing the need for frequent replacements.

4. Product Uses:

Boiler Tubes: Used in the construction of industrial and power boilers.

Superheater Tubes: Employed in the superheater sections of steam power plants.

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

Petrochemical Industry: Utilized in pipelines and equipment within the petrochemical industry.

5. Executing Standards:

ASME SA210M: The pipes are manufactured in compliance with the ASME SA210M standard, which specifies the requirements for seamless ferritic and austenitic-ferritic alloy-steel boiler, superheater, and heat-exchanger tubes.

6. 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 pipes ≤ 2 in (50 mm) in diameter

7. Chemical Composition:

Element	Typical Range (%)
Carbon	0.10 - 0.20
Manganese	0.35 - 0.60
Phosphorus	≤ 0.025
Sulfur	≤ 0.025
Silicon	≤ 0.50

Conclusion: SA210M Gr.C American Standard Carbon Steel Seamless Pipes are engineered for applications that demand high strength and durability, particularly in high-temperature environments. Their seamless design and adherence to ASME SA210M standards make them suitable for a wide range of applications in the power generation and petrochemical industries. These pipes offer a reliable and cost-effective solution for critical applications where safety and efficiency are paramount.

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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