



ASME SA106b SA106c High Pressure Seamless Steel Tube Boiler Tube

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASME SA106b SA106c
- 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: ASME SA106b SA106c
- 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: **high pressure seamless steel tube ,
asme seamless steel tube ,
asme seamless carbon steel tube**



Product Description

ASME SA106 Grade B and Grade C High Pressure Seamless Steel Boiler Tubes

1. Product Description: ASME SA106 Grade B and Grade C High Pressure Seamless Steel Boiler Tubes are premium-quality tubes designed for use in high-pressure boiler systems. These tubes are manufactured from carbon steel and are seamless, ensuring uniform wall thickness and superior structural integrity. The ASME SA106 standard specifies these tubes, which are categorized into different grades based on their mechanical properties and intended applications.

2. Product Parameters:

Parameter	Description
Grades	ASME SA106 Grade B and Grade C
Material	Carbon Steel (Seamless)
Standard	ASME SA106
Size Range	Various diameters and wall thicknesses as per ASME SA106
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	ASME SA106 Grade B Requirement	ASME SA106 Grade C Requirement
Tensile Strength	≥485 MPa (70,000 psi)	≥485 MPa (70,000 psi)
Yield Strength	≥240 MPa (35,000 psi)	≥310 MPa (45,000 psi)
Elongation	≥20% in 50 mm (2 in)	≥20% in 50 mm (2 in)
Hardness	Varies depending on heat treatment	Varies depending on heat treatment

4. Chemical Composition:

Element	Typical Range (%) for ASME SA106 Grades
Carbon	0.29 - 0.36
Manganese	0.35 - 0.60
Phosphorus	≤ 0.025
Sulfur	≤ 0.025
Silicon	≤ 0.35

5. Product Uses:

Boiler Tubes: Utilized in power and industrial boilers for steam generation.

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.

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

Refineries: Used in high-temperature pipelines and components within oil refineries.

6. Product Grade Standards:

ASME SA106 Grade B: This grade is suitable for moderate pressure applications and offers balanced mechanical properties.

ASME SA106 Grade C: Offers higher tensile and yield strength compared to Grade B, making it suitable for more demanding high-pressure 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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