



Hot Rolled Cold Rolled Astm A53 Carbon Steel Pipe / Api 5l Gr B Seamless Pipe Tube

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASME SA53 API 5L GR.B
- 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 SA53 API 5L GR.B
- 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: cold rolled astm a53 carbon steel pipe ,
astm api 5l gr b seamless pipe ,
a53 api 5l gr b seamless pipe



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Product Description

ASME SA53 API 5L Grade B Carbon Steel Seamless Tubes

1. Product Description: ASME SA53 API 5L Grade B Carbon Steel Seamless Tubes are high-quality pipes used extensively across various industries for a multitude of applications. These tubes are manufactured from carbon steel and are seamless, ensuring a uniform wall thickness and superior structural integrity. The Grade B designation indicates a specific level of mechanical properties suitable for a range of high-pressure applications.

2. Product Parameters:

Parameter	Description
Grade	ASME SA53 API 5L Grade B
Material	Carbon Steel (Seamless)
Standard	ASME SA53, API 5L
Size Range	Various diameters and wall thicknesses as per ASME SA53 and API 5L 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	Varies depending on heat treatment and processing

4. Chemical Composition:

Element	Typical Range (%)
Carbon	0.29 - 0.36
Manganese	0.35 - 0.60
Phosphorus	≤ 0.035
Sulfur	≤ 0.035
Silicon	≤ 0.35

5. Product Uses:

Oil and Gas Industry: Used for transporting oil, natural gas, and other fluids in pipelines.

Structural Applications: Employed as structural supports in construction projects.

Mechanical Equipment: Suitable for manufacturing various mechanical components and equipment.

Piping Systems: Ideal for use in industrial piping systems for water, steam, and other fluids.

Pressure Vessels: Utilized in the construction of pressure vessels and boilers.

6. Product Grade Standards:

ASME SA53: This standard specifies requirements for seamless ferritic and austenitic steel pipes used in high-temperature services.

API 5L Grade B: This grade is part of the API 5L specification, which covers line pipes (seamless and welded) used for pipeline transportation systems in the petroleum and natural gas industries.

Conclusion: ASME SA53 API 5L Grade B Carbon Steel Seamless Tubes are versatile and robust, offering a range of benefits that make them suitable for various high-pressure and high-temperature applications. Their seamless construction and adherence to ASME SA53 and API 5L standards ensure that these tubes provide a reliable and cost-effective solution for industries such as oil and gas, construction, and mechanical engineering.

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

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