



Grade A Grade B Astm A53 Seamless Pipe / A53 Carbon Steel Pipe

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASME SA53 Grade A Grade 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: ASME SA53 Grade A Grade B Carbon Steel Seamless Pipe
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASTM/ASME/DIN/En
- 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, Boiler Pipe, Hydraulic/Automobile Pipe
- Highlight: **grade b astm a53 seamless pipe, astm a53 carbon steel pipe, grade a a53 carbon steel pipe**



Product Description

ASME SA53 Grade A and Grade B Carbon Steel Seamless Steel Pipes

1. Product Description: ASME SA53 Grade A and Grade B Carbon Steel Seamless Steel Pipes are premium-grade pipes used extensively across various industries for a multitude of applications. These pipes are manufactured from carbon steel and are seamless, ensuring a uniform wall thickness and superior structural integrity. The ASME SA53 specification covers these pipes, which are designed to withstand varying degrees of pressure and temperature conditions.

2. Product Parameters:

Parameter	Description
Grades	ASME SA53 Grade A and Grade B
Material	Carbon Steel (Seamless)
Standard	ASME SA53
Size Range	Wide range of diameters and wall thicknesses
Length	Typically 20 feet (6 meters), customizable upon request
Ends	Plain ends, beveled ends, threaded, or socket-weld ends
Surface Treatment	As-rolled, normalized, or annealed

3. Product Advantages:

Seamless Construction: Provides a consistent material structure and eliminates the risk of seam-related failures.

Versatility: Suitable for a wide range of applications due to varying strength and ductility.

Pressure Resistance: Designed to withstand different pressure levels depending on the grade.

Cost-Effective: Offers a balance of quality and affordability.

Corrosion Resistance: Offers inherent resistance to many corrosive environments.

4. Product Uses:

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

Structural Applications: Employed as structural supports in construction projects.

Mechanical Components: 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.

5. Executing Standards:

ASME SA53: The pipes are manufactured in compliance with the ASME SA53 standard, which specifies the requirements for carbon steel pipes intended for high-temperature service.

6. Mechanical Properties:

Property	ASME SA53 Grade A	ASME SA53 Grade B
Tensile Strength	≥340 MPa (49,000 psi)	≥415 MPa (60,000 psi)
Yield Strength	≥205 MPa (30,000 psi)	≥240 MPa (35,000 psi)
Elongation	≥30% in 50 mm (2 in)	≥20% in 50 mm (2 in)
Hardness	Rockwell B 95 max (optional)	Rockwell B 95 max (optional)

7. Chemical Composition:

Element	ASME SA53 Grade A Range (%)	ASME SA53 Grade B Range (%)
Carbon	0.30 - 0.33	0.30 - 0.33
Manganese	0.40 - 0.60	0.40 - 0.60
Phosphorus	≤ 0.035	≤ 0.035
Sulfur	≤ 0.035	≤ 0.035
Silicon	≤ 0.35	≤ 0.35

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

Product Image

Product Image

Cangzhou Baoyang Pipeline Co., Ltd



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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