



ASTM A53 GR.A GR.B Seamless Steel Pipe For Fluid Transportation

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A53 GR.A 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 Steel Pipe
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASTM A53 GR.A GR.B
- Material: Carbon Steel Alloy 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: **gr.a gr.b seamless steel pipe, astm seamless steel pipe, astm seamless stainless steel pipe**



Product Description

ASTM A53 GR.A and GR.B Seamless Steel Pipe for Fluid Transportation:

Product Description: ASTM A53 GR.A and GR.B Seamless Steel Pipes are high-quality pipes designed for fluid transportation across various industries. These pipes are manufactured in accordance with the ASTM A53 standard, which specifies the requirements for seamless and welded steel pipes suitable for mechanical and pressure applications. The 'GR.A' and 'GR.B' designations refer to the specific grades of steel used, with GR.B offering a higher tensile strength than GR.A.

Product Parameter Specifications:

Parameter	Specification for GR.A and GR.B	Units
Standard	ASTM A53	-
Grade	GR.A, GR.B	-
Outer Diameter	Ranges from 1/8" to 26"	in
Wall Thickness	Varies with diameter	in or mm
Length	Standard lengths; custom available	ft or m
Tolerance	As per ASTM A53 for dimensions	-

Product Applications:

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

Hydrocarbon Processing: Suitable for refineries and petrochemical plants.

Water Supply Systems: Employed in municipal and industrial water supply and distribution networks.

Chemical Industry: Ideal for the transportation of chemicals and corrosive fluids.

Piping Systems: Utilized in various industrial and commercial piping systems for fluid control.

Types of ASTM A53 Seamless Steel Pipes:

GR.A: General-purpose pipe with a minimum tensile strength of 240 MPa.

GR.B: Offers higher tensile strength, with a minimum of 290 MPa, suitable for more demanding applications.

Mechanical Properties:

Property	Specification for GR.A	Specification for GR.B	Units
Tensile Strength	≥ 240 MPa	≥ 290 MPa	MPa
Yield Strength	≥ 205 MPa (for nominal thickness ≤ 0.5 in)	MPa	
	≥ 190 MPa (for nominal thickness > 0.5 in)	MPa	
Elongation	≥ 35% in 2 in or 50 mm length	%	

Chemical Composition:

Element	Typical Range (%) for GR.A and GR.B
Carbon (C)	0.05-0.25 (GR.A), 0.05-0.30 (GR.B)
Manganese (Mn)	0.30-1.20 (GR.A), 0.30-1.60 (GR.B)
Phosphorus (P)	≤ 0.035 (GR.A), ≤ 0.035 (GR.B)
Sulfur (S)	≤ 0.045 (GR.A), ≤ 0.045 (GR.B)

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PRODUCT DISPLAY





Company Profile

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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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