



ASTM A106B A106C American Standard Carbon Steel Pipe

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A106B A106C
- 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: **astm a53 carbon steel pipe ,
astm carbon steel seamless pipe ,
a106b a53 carbon steel pipe**



Product Description

ASTM A106 Grade B and Grade C - American Standard Carbon Steel Pipes

1. Product Description: ASTM A106 Grade B and Grade C pipes are American Standard Carbon Steel Pipes widely used for their strength and versatility in various applications. These pipes are manufactured to meet the specifications of ASTM A106, which is a standard issued by the American Society for Testing and Materials (ASTM). The Grade B and Grade C denote the minimum yield strength of the steel, with Grade B being suitable for more common applications and Grade C offering higher strength for more demanding uses.

2. Product Parameters:

Parameter	Description
Grades	ASTM A106 Grade B and Grade C
Material	Carbon Steel (Seamless and Welded)
Standard	ASTM A106
Size Range	Various diameters and wall thicknesses according to ASTM A106
Length	Standard pipe lengths, customizable upon request
Ends	Plain ends, beveled ends, threaded, or socket-weld ends
Surface Treatment	As-rolled, annealed, or normalized

3. Product Advantages:

Uniform Quality: Ensures consistent properties throughout the pipe length.

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

Durability: Designed for long-term use in demanding environments.

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

Corrosion Resistance: Adequate resistance to many environmental conditions.

4. Mechanical Properties:

Property	ASTM A106 Grade B Requirement	ASTM A106 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	

5. Chemical Composition:

Element	Typical Range (%) for ASTM A106
Carbon	0.29 - 0.36
Manganese	0.35 - 0.60
Phosphorus	≤ 0.035
Sulfur	≤ 0.035
Silicon	≤ 0.35

6. Product Uses:

Oil and Gas Industry: For transporting oil, natural gas, and other petroleum products.

Water and Sewage Systems: Used in the construction of pipelines for water and sewage.

Structural Applications: Employed as structural components in various construction projects.

Chemical and Pharmaceutical Industries: Suitable for transporting chemicals and pharmaceutical products.

Boiler and Heat Exchanger Applications: Used in boiler tubes and heat exchangers.

7. Executing Standards:

ASTM A106: The pipes are manufactured in compliance with ASTM A106, which specifies the standard for seamless carbon steel pipes for high-temperature service.

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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