



ASTM A53 A106 Carbon Steel Seamless Steel Pipe For Structure

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A53 A106
- 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: ASTM A53 A106
- 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: **Structure Carbon Steel Seamless Pipe, ASTM A53 Carbon Steel Seamless Pipe, A106 Carbon Steel Seamless Pipe**



Product Description

ASTM A53 A106 Carbon Steel Seamless Steel Pipe For Structure

ASTM A53 and ASTM A106 are two widely used standards for carbon steel pipes, each designed for specific applications. Understanding the differences between these standards is crucial for selecting the right pipe for a given project.

ASTM A53:

Scope: ASTM A53 covers seamless and welded black and hot-dipped galvanized steel pipes. These pipes are designed for general-purpose applications, including low-pressure plumbing, structural steel in non-critical applications, and the transport of water, steam, air, and oil.

Types: ASTM A53 includes three types: Type F (furnace-welded), Type E (electric resistance welded), and Type S (seamless).
Grades: ASTM A53 has three grades: Grade A, Grade B, and Grade C. Grade A is suitable for low-pressure and non-critical applications, while Grade B is the most commonly used grade for general-purpose applications. Grade C has higher mechanical properties and is used for specific applications.

ASTM A106:

Scope: ASTM A106 covers seamless carbon steel pipes intended for high-temperature and high-pressure applications. These pipes are primarily used in the construction of oil and gas refineries, power plants, petrochemical plants, boilers, and other industrial facilities.

Grades: ASTM A106 also has three grades: Grade A, Grade B, and Grade C. Grade A and Grade B are suitable for high-temperature service and are widely used in various industries. Grade C has higher tensile strength and is used for specific applications requiring enhanced properties.

Applications

ASTM A53:

General Plumbing: Used for low-pressure plumbing systems, including water, steam, air, and oil transport.

Structural Steel: Suitable for non-critical structural applications.

HVAC and Fire Protection: Commonly used in HVAC systems and fire protection systems.

ASTM A106:

High-Temperature and High-Pressure Applications: Ideal for use in oil refineries, power plants, and boilers where high temperatures and pressures are encountered.

Process Piping: Used in chemical and petrochemical plants for transporting corrosive fluids.

Boiler Tubes and Heat Exchangers: Used in high-pressure and high-temperature environments in power generation systems.

Chemical Composition

ASTM A53:

Grade A: Maximum carbon content of 0.25%.

Grade B: Maximum carbon content of 0.30%.

Grade C: Maximum carbon content of 0.35%.

ASTM A106:

Grade A: Maximum carbon content of 0.30%.

Grade B: Maximum carbon content of 0.35%.

Grade C: Maximum carbon content of 0.35%.

Silicon: ASTM A106 pipes contain silicon (min. 0.10%), which improves heat resistance, while ASTM A53 pipes do not contain silicon.

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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