



Pipeline Hot Rolled Cold Rolled Seamless Steel Pipes 13.7mm-609.6mm Outer Diameter

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: Seamless Steel Pipes
- 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 Pipes
- Technique: Hot-Rolled Cold-Rolled
- Standards: ASTM/ASME/DIN/En
- Material: Carbon Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 13.7mm-609.6mm
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Boiler Pipe, Hydraulic/Automobile Pipe, Oil/Gas Drilling
- Highlight: **pipeline seamless steel pipe,
pipeline seamless stainless steel pipe,
hot rolled seamless steel pipe**



Product Description

Hot-Rolled Cold-Rolled Seamless Steel Pipes

Seamless steel pipes are long, hollow cylindrical steel products without any longitudinal welds or seams. They are made from the piercing of solid billets and then hot or cold rolled into shape. Seamless steel pipes are known for their high-strength, good toughness, light weight, and narrow wall thickness, making them suitable for a variety of applications where high pressure and temperature tolerance are required.

Classification of Seamless Steel Pipes

Structural Seamless Steel Pipes: These pipes are used for general structural purposes and mechanical structures. They are typically made from carbon steel, alloy steel, or stainless steel and are specified in standards such as GB/T 8162-20189.

Fluid Transportation Seamless Pipes: Designed for the transportation of fluids such as water, oil, gas, and certain solid materials. They are covered by standards like GB/T 8163-20085.

Low and Medium Pressure Boiler Pipes: These pipes are made from high-quality carbon steel and are used for manufacturing boilers, steam pipes, and other equipment that operates under low and medium pressures, following standards like GB 3087-20085.

High-Pressure Boiler Pipes: Used for high-pressure and above boilers, these pipes are made from high-quality carbon steel, alloy steel, and stainless steel, as defined in GB5310-20085.

Seamless Pipes for High-Pressure Fertilizer Equipment: These are used in the manufacture of seamless steel pipes for high-pressure equipment in the fertilizer industry, conforming to standards like GB 6479-2000.

Seamless Pipes for Petroleum Cracking: Used in petroleum refineries for boilers, heat exchangers, and fluid transportation pipes, with representative materials such as 20, 12 CrMo, 1Cr5Mo, 1Cr19Ni11Nb, as per GB 9948-20065.

Seamless Pipes for Geological Drilling: These pipes are used for core drilling in the geological sector and can be categorized into drill rods, drill collars, core barrels, casing pipes, and sediment pipes.

API Seamless Pipes: Specifically designed for the petroleum industry, these pipes adhere to the standards set by the American Petroleum Institute (API) for high-quality pipes used in drilling, production, and transportation.

Stainless Steel Seamless Pipes: These pipes offer high corrosion resistance and are used in environments where chemicals, salts, and other corrosive agents are present.

Alloy Seamless Pipes: Containing various alloying elements, these pipes provide enhanced strength and resistance to high temperatures and pressures.

Carbon Steel Seamless Pipes: Made from carbon steel, these pipes are widely used for their cost-effectiveness and are suitable for lower pressure applications.

Thick-Walled Seamless Pipes: These pipes have a thicker wall and are used for applications requiring high-pressure tolerance.

Standards and Applications

Standards	Grades	Class
API	API 5L	Line pipe for pipeline transportation systems
	API 5CT	Tubing and casing for wells
	API 5DP	Drill Pipe for well drilling
ASTM	ASTM A53	Used as structural steel or for low-pressure plumbing
	ASTM A106	seamless carbon steel pipe for high-temperature service
	ASTM A335	for seamless ferritic alloy-steel pipe for high-temperature service
	ASTM A213	for seamless ferritic and austenitic alloy-steel boiler, superheater, and heat-exchanger tubes
	ASTM A179	for seamless Cold-drawn low-carbon steel heat-exchanger and condenser tubes
	ASTM A192	for seamless carbon steel boiler tubes for high-pressure service
	ASTM A210	for seamless medium-carbon steel boiler and superheater tubes
	ASTM A333	for seamless steel pipe for low-temperature service and other applications with required notch toughness
	ASTM A519	for seamless carbon and alloy steel mechanical tubing
	ASTM A252	for seamless and welded steel pipe piles
DIN	DIN 17175	for heat resistant seamless steel pipe lines
	DIN 1629	for seamless circular tubes of non alloys steels with special quality requirements
	DIN 2391	for cold drawn or cold rolled precision seamless steel tubes
JIS	JIS G3454	seamless carbon steel pipe for pressure service
	JIS G3456	seamless carbon steel pipe for high temperature service
	JIS G3461	seamless carbon steel pipe for boiler and heat exchanger
EN	EN 10210	for hot finished seamless structural hollow sections of non-alloy steels
	EN 10216	seamless steel tubes for pressure purposes
BS	BS 3059	for carbon,alloy and austenitic stainless steel tubes with specified elevated temperature properties

Advantages of seamless steel pipes:

1. High pressure resistance: Seamless steel pipes have high pressure resistance, which makes them very suitable for high-pressure fluid transmission systems.
2. Good toughness: Seamless steel pipes have good toughness and can absorb more energy when impacted without breaking easily.
3. Long pipe sections and fewer interfaces: Seamless steel pipes have longer pipe sections and fewer interfaces, which reduces the resistance to fluid flow and reduces the risk of leakage.
4. Corrosion resistance: Seamless steel pipes have good corrosion resistance and can remain stable in acid, alkali, salt and atmospheric environments, which makes them widely used in the chemical industry and marine environments.
5. High strength: The tensile strength of seamless steel pipes is more than 8-10 times that of ordinary steel, providing excellent mechanical properties.
6. High temperature performance: Seamless steel pipes can withstand high temperatures and are suitable for the transportation of high-temperature fluids or gases.
7. High precision and finish: Advanced production technology is used in the manufacturing process of seamless steel pipes, which can produce steel pipes with more accurate dimensions and smoother surfaces, suitable for applications with high requirements for dimensions and surface finish.
8. Economical: Seamless steel pipes have the advantage of being lightweight compared to other steel materials, which means that under the same strength requirements, the amount of material used can be reduced, thereby reducing costs.
9. Fatigue resistance: Seamless steel pipes have excellent fatigue resistance and are suitable for applications that are subject to cyclic loads.
10. Earthquake resistance: Due to its continuous material structure, seamless steel pipes are also a popular choice in earthquake-resistant design.
11. Easy processing: Seamless steel pipes have good machinability and can be easily processed by cutting, welding and bending.
12. Long service life: Seamless steel pipes do not require regular maintenance and have an effective service life of more than 15 years.
13. Creep resistance: Under long-term high temperature, seamless steel pipes can maintain their shape and performance and are not prone to creep.

These advantages of seamless steel pipes make them irreplaceable in many industrial fields, such as oil, natural gas, chemical industry, machinery manufacturing, aerospace, etc.

Product Photos





Cangzhou Baoyang Pipeline Equipment Co., Ltd.



+8615131762322



BYpipe001@pipe-seamless.com



pipe-seamless.com

Room 512, Block B, Tiancheng Building, Yunhe District, Cangzhou City