



GB/T 8163 Pipe Carbon Steel Seamless For Liquid Transport / steel pipeline

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM/DIN/GB/EN/JIS
- 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 Pipes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASTM/DIN/GB/EN/JIS
- 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: **gb/t 8163 pipe carbon steel seamless ,
gb steel pipeline,
gb pipe carbon steel seamless**



Product Description

Product Description: GB/T 8163 Carbon Seamless Steel Pipes are designed for the transportation of various liquids, including water, oil, and gas. These pipes are manufactured in accordance with the Chinese national standard GB/T 8163, which specifies the requirements for seamless steel pipes suitable for high-pressure fluid service. The seamless construction ensures a uniform material structure, providing superior strength and resistance to leakage compared to welded pipes.

Product Parameter Specifications:

Parameter	Specification	Units
Standard	GB/T 8163-2018	-
Grade	10, 20, Q345B, 16Mn, L245, L290M, L360M, L415M, L485M, etc.	-
Outer Diameter	Ranges from 6mm to 630mm depending on the specific application	mm
Wall Thickness	Varies with diameter and pressure requirements	mm
Length	Typically 4-12m, customizable based on project requirements	m
Tolerance	As per GB/T 8163-2018 for diameter and wall thickness	-

Product Applications:

Oil and Gas Industry: Used for the transportation of oil, natural gas, and petroleum products.

Water Supply Systems: Suitable for high-pressure water pipelines and distribution networks.

Chemical Industry: Employed in the transportation of corrosive or high-temperature fluids.

Municipal Infrastructure: Utilized in urban water supply, sewer systems, and drainage projects.

Industrial Plants: Ideal for the internal fluid transport systems of various industrial facilities.

Chemistry Composition

C, %	Si, %	Mn, %	Cr, %	Ni, %	S, %	P, %	Cu, %	Mo, %
0.20 max	0.50 max	1.70 max	0.30 max	0.50 max	0.035 max	0.035 max	0.30 max	0.10 max

Mechanical Properties

Tensile Strength, MPa	Yield Strength, MPa	Elongation, %
470~630	345 min	20 min

Order should include standard, product name, steel grade, size, quantity (total weight or total length), delivery condition, special requirements.

Outside Diameter & Tolerance

Type of Steel Pipes	Allowable Deviation
Hot Rolled Steel Pipe	$\pm 1\%D$ or ± 0.5 , whichever is greater
Thermal Expansion Steel Pipe	$\pm 1\%D$ or ± 0.5 , whichever is greater
Cold Drawn Steel Pipe	$\pm 0.75\%D$ or ± 0.3 , whichever is greater
Cold Rolled Steel Pipe	$\pm 0.75\%D$ or ± 0.3 , whichever is greater

Wall thickness & Tolerance

Type of Steel Pipes	Outside Diameter, D	S/D	Allowable Deviation
Hot Rolled Steel Pipe	$\leq 102\text{mm}$	-	$\pm 12.5\%S$ or $\pm 0.40\text{mm}$, whichever is greater
	$> 102\text{mm}$	≤ 0.05	$\pm 15\%S$ or $\pm 0.40\text{mm}$, whichever is greater
		$> 0.05 \sim 0.10$	$\pm 12.5\%S$ or $\pm 0.40\text{mm}$, whichever is greater
		> 0.10	$\pm 12.5\%S / -10\%S$
Thermal Expansion Steel Pipe	-	-	$+17.5\%S / -12.5\%S$
Type of Steel Pipes	Wall Thickness, S	Allowable Deviation	
Cold Drawn Steel Pipe	≤ 3	$+15\%S / -10\%S$ or $\pm 0.15\text{mm}$, whichever is greater	
	$> 3 \sim 10$	$+12.5\%S / -10\%S$	
	> 10	$\pm 10\%S$	
Cold Rolled Steel Pipe	≤ 3	$+15\%S / -10\%S$ or $\pm 0.15\text{mm}$, whichever is greater	
	$> 3 \sim 10$	$+12.5\%S / -10\%S$	
	> 10	$\pm 10\%S$	

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PRODUCT DISPLAY





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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