



GB/T 8163 Grade 10# 20# Seamless Steel Pipe For Conveying Liquid

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: GB/T 8163 Grade 10# 20#
- 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: GB/T 8163 Grade 10# 20#
- 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: **gb seamless steel pipe,**
gb seamless stainless steel pipe,
gb/t 8163 seamless steel pipe



Product Description

GB/T 8163 Grade 10# and 20# Seamless Steel Pipes for Conveying Liquids:

Product Description: GB/T 8163 Grade 10# and 20# Seamless Steel Pipes are designed for the conveyance of liquids in various industrial applications. These pipes are manufactured in accordance with the Chinese national standard GB/T 8163, which specifies the requirements for seamless steel pipes suitable for transporting liquids, including water, oil, and gas. The pipes are made from low carbon steel, with the '10#' and '20#' grades indicating the steel's carbon content, which affects the strength and weldability of the pipes.

Product Parameter Specifications:

Parameter	Specification	Units
Standard	GB/T 8163-2018	-
Grade	10#, 20#	-
Outer Diameter	Ranges from 6mm to 219mm depending on the specific application	mm
Wall Thickness	Varies with diameter; specific range per product specification	mm
Length	Typically 4-12m, customizable based on requirements	m
Tolerance	As per GB/T 8163-2018 for diameter and wall thickness	-

Product Applications:

Water Supply Systems: Utilized in municipal and industrial water supply systems for clean water conveyance.

Oil and Gas Industry: Suitable for transporting oil, natural gas, and petroleum products.

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

Agricultural Irrigation: Used for efficient water delivery in irrigation systems.

Fire Protection Systems: Ideal for fire sprinkler systems and water supply in emergency response.

Types of GB/T 8163 Seamless Steel Pipes:

Grade 10#: General-purpose low carbon steel pipes suitable for low to medium pressure liquid conveyance.

Grade 20#: Low carbon steel pipes with slightly higher carbon content, offering improved strength for medium pressure applications.

Mechanical Properties:

Property	Typical Range/Value for Grade 10# and 20#	Units
Tensile Strength	340-510 MPa (10#), 410-590 MPa (20#)	MPa
Yield Strength	≥ 205 MPa (10#), ≥ 245 MPa (20#)	MPa
Elongation	≥ 22% (for both grades)	%

Chemical Composition:

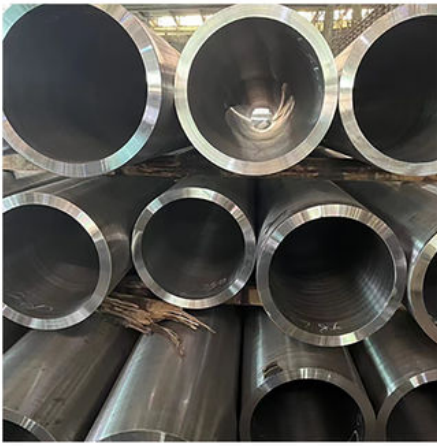
Element	Typical Range (%) for Grade 10# and 20#
Carbon (C)	0.07-0.13 (10#), 0.17-0.23 (20#)
Manganese (Mn)	0.35-0.65 (10#), 0.35-0.65 (20#)
Phosphorus (P)	≤ 0.035 (10#), ≤ 0.035 (20#)
Sulfur (S)	≤ 0.035 (10#), ≤ 0.035 (20#)

Note: The specific mechanical properties and chemical composition can vary based on the manufacturing process and the specific requirements of the application. It is essential to consult the manufacturer's technical documentation for precise specifications and to ensure compatibility with the intended application.

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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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