

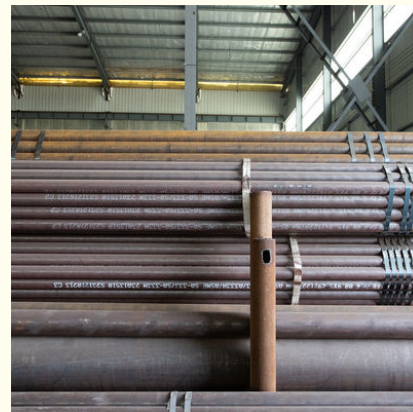


## GB/T6479-1999 High-pressure seamless steel pipe for fertilizer equipment

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: GB/T6479-1999
- 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/T6479-1999
- 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/t6479 seamless steel pipe,  
gb seamless stainless steel pipe**

## Product Description

### GB/T6479-1999 High-pressure Seamless Steel Pipe for Fertilizer Equipment

**1. Product Description:** GB/T6479-1999 specifies the technical requirements for high-pressure seamless steel pipes used in fertilizer equipment. These pipes are designed to withstand the pressures and corrosive environments typical of the fertilizer industry, ensuring the safe and efficient operation of equipment.

#### 2. Grades:

Grade	Description	
20#	Low carbon steel with good ductility and weldability	
16Mn	Low alloy steel with enhanced strength and pressure resistance	

#### 3. Mechanical Properties:

Property	20# Requirements	16Mn Requirements	
Tensile Strength	≥415 MPa	≥440 MPa	
Yield Strength	≥240 MPa	≥295 MPa	
Elongation	≥25%	≥22%	
Hardness	≤163 HB	≤187 HB	

#### 4. Chemical Composition:

Element	20# Range (%)	16Mn Range (%)	
C	0.16-0.21	0.12-0.20	
Si	≤0.35	≤0.35	
Mn	≤0.35	1.20-1.50	
P	≤0.035	≤0.035	
S	≤0.035	≤0.035	

#### 5. Product Application:

**Fertilizer Industry:** Specifically designed for use in high-pressure applications within the fertilizer production process.

**Pressure Vessels:** Suitable for construction of vessels and reactors that require high-pressure resistance.

**Piping Systems:** Ideal for use in piping systems that transport chemicals and materials at high pressures.

#### 6. Advantages:

**High Pressure Resistance:** Capable of withstanding the high pressures found in fertilizer equipment.

**Corrosion Resistance:** Chemical composition designed to resist corrosion in chemically aggressive environments.

**Quality Assurance:** Manufactured according to national standards ensuring reliability and consistency.

**7. Conclusion:** GB/T6479-1999 High-pressure Seamless Steel Pipe for Fertilizer Equipment is engineered to meet the rigorous demands of the fertilizer industry. With a focus on high pressure resistance and corrosion resistance, these pipes provide a dependable solution for critical applications in fertilizer production and related chemical processes.

BAOYANG · CHINA

# PRODUCT DISPLAY

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**Company Profile**

# BAOYANG · CHINA COMPANY INFORMATION

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## 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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