



## GB 6479 12CrMo Seamless Stainless Steel Pipe For High Pressure Fertilizer

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: GB 6479 12CrMo
- 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: GB 6479 12CrMo
- 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: **12crmo seamless stainless steel pipe ,  
gb seamless stainless steel pipe ,  
gb stainless seamless steel pipe**



## Product Description

GB 6479 12CrMo Seamless Steel Pipe For High Pressure Fertilizer

**Product Description:** GB 6479 12CrMo Seamless Steel Pipes are engineered to meet the demanding requirements of high-pressure fertilizer production. These pipes are manufactured in accordance with the Chinese national standard GB 6479, which specifies the requirements for seamless steel pipes suitable for high-pressure and high-temperature applications. The 12CrMo grade indicates the presence of chromium and molybdenum, which significantly enhance the steel's corrosion resistance and strength.

**Advantages:**

**High-Pressure Capability:** Designed to withstand the high pressures encountered in fertilizer production processes.

**Corrosion Resistance:** The addition of chromium and molybdenum provides excellent resistance to corrosion from various chemicals.

**Heat Resistance:** Capable of operating in high-temperature environments, making it suitable for thermal processes.

**Seamless Design:** The seamless construction eliminates potential points of failure, ensuring reliability and safety.

**Long Service Life:** The combination of strength, heat resistance, and corrosion resistance results in a long-lasting product.

**Product Parameter Table:**

Category	Parameter	Typical Range/Value
Mechanical	Tensile Strength	440-586 MPa
	Yield Strength	≥ 255 MPa
	Elongation	≥ 22% (for pipes ≤ 50.8 mm in diameter)
		≥ 20% (for pipes > 50.8 mm in diameter)
Chemical	Carbon (C)	0.08-0.15%
	Chromium (Cr)	0.40-0.70%
	Molybdenum (Mo)	0.20-0.30%
	Manganese (Mn)	≤ 0.50%
	Phosphorus (P)	≤ 0.025%
	Sulfur (S)	≤ 0.020%
Diameter Tolerance	Outer Diameter	±0.5 mm for pipes ≤ 76 mm in diameter
		±0.8 mm for pipes > 76 mm to ≤ 114 mm
		±1.0 mm for pipes > 114 mm to ≤ 140 mm
		±1.5 mm for pipes > 140 mm

**Applications:**

**Fertilizer Production:** Ideal for use in high-pressure pipelines and equipment within fertilizer manufacturing plants.

**Chemical Industry:** Suitable for transporting chemicals and other substances in chemical processing plants.

**Petrochemical Industry:** Utilized in the petrochemical sector for high-pressure and high-temperature applications.

**Power Plants:** Can be used in power plants for steam and other high-pressure fluid transport.

**Boiler Systems:** Employed in boiler systems for the safe and efficient transfer of high-pressure steam.

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# 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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