



## GB/T 6479 Q345E Carbon Seamless Steel Pipe Tubes For High Pressure Fertilizer

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: GB/T 6479 Q345E
- 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/T 6479 Q345E
- 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: **q345e carbon seamless steel pipe ,  
gb carbon seamless steel pipe ,  
gb carbon steel pipe seamless**



## Product Description

### GB/T 6479 Q345E Seamless Steel Pipes/Tubes For High-Pressure Fertilizer

GB/T 6479 Q345E Seamless Steel Pipes/Tubes are high-quality seamless tubes designed for use in the high-pressure fertilizer industry. These pipes are manufactured in accordance with the Chinese national standard GB/T 6479, which specifies the technical requirements for seamless steel tubes suitable for high-pressure applications. The Q345E grade indicates a specific strength level and quality, making these tubes ideal for applications requiring high-pressure resistance and structural integrity.

#### Advantages:

**High Pressure Resistance:** Designed to withstand high internal pressures, making them suitable for fertilizer production where high pressures are common.

**Seamless Construction:** The seamless design eliminates the risk of leakage at the welds, providing a more reliable and safer option for high-pressure applications.

**Chemical and Corrosion Resistance:** Formulated to resist the corrosive effects of fertilizer chemicals, ensuring a longer service life.

**High Strength:** The Q345E grade offers a balance of strength and toughness, which is crucial for maintaining pipe integrity under pressure.

**Precision Dimensions:** Manufactured to precise dimensions to ensure a perfect fit and ease of installation.

#### Chemistry Composition

C, %	Si, %	Mn, %	P, %	S, %	Cu, %	Cr, %	Ni, %	Nb, %	Mo, %	V, %
0.12-0.20	0.20-0.50	1.20-1.70	0.025 max	0.015 max	0.20 max	0.30 max	0.50 max	0.07 max	0.10 max	0.15 max

#### Mechanical Properties

Tensile Strength , MPa	Yield Strength, MPa	Elongation, %	Impact (KV2)/J at 20°C
490-670	345 min	21 min	40 (OD≥76mm & WT≥6.5mm)

#### Outside Diameter & Tolerance

	Outside Diameter, mm	Tolerance	
		Ordinary	Advanced
Hot Rolled	OD≤159	+1% or +0.50mm	
	OD>159		
Cold Drawn	Outside Diameter, mm	Tolerance	
	OD≤30	±0.20mm	±0.15mm
	30<OD≤50	±0.30mm	±0.25mm
	OD>50	±0.50%	±0.50%

#### Wall thickness & Tolerance

	Outside Diameter, mm	Tolerance	
		Ordinary	Advanced
Hot Rolled	OD≤159	+12.5%/-10% or +0.50mm/-0.40mm	
	OD>159, WT/OD≤0.05	+15%/-10%	
	OD>159, 0.05<WT/OD≤0.10	+12.5%/-10%	
	OD>159, WT/OD>0.10	±10%	
Cold Drawn	Wall Thickness, mm	Tolerance	
	WT≤2.0	+12.5%/-10%	±10%
	WT>2.0	±10%	±7.5%

#### Uses:

**Fertilizer Production Plants:** Utilized in the piping systems of plants that produce fertilizers, where high pressures are necessary for the mixing and processing of materials.

**Chemical Industry:** Suitable for other chemical processes that require the transportation of materials under high pressure.

**Oil and Gas Industry:** Can be used in applications within the oil and gas sector where high-pressure pipelines are required.

**Industrial Equipment:** Employed in various pieces of industrial equipment that operate under high pressure, such as reactors and heat exchangers.

**Structural Applications:** Due to their strength, these tubes can also be used in structural applications where high-pressure resistance is needed.

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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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