



## GB/T6479 Q345E Low Temperature Seamless Alloy Steel Tube 1-30mm Wall Thickness

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: GB/T6479 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 Alloy Steel Pipes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: GB/T6479 Q345E
- Material: Alloy Steel Pipe
- Wall Thickness: 1-30mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 10-324mm
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Oil/Gas Drilling, Machinery Industry
- Highlight: **gb seamless alloy steel tube ,  
gb alloy steel seamless tubes ,  
gb/t6479 seamless alloy steel tube**



## Product Description

### GB/T6479 Q345E Low Temperature Alloy Seamless Steel Tubes

**1. Product Description:** GB/T6479 Q345E Low Temperature Alloy Seamless Steel Tubes are engineered for applications that demand exceptional strength and ductility at low temperatures. These tubes are manufactured from a low temperature alloy steel that is seamless, ensuring uniform wall thickness and superior structural integrity. The Q345E grade is specifically designed to maintain its performance in environments where temperatures can drop significantly, making it ideal for cryogenic and freezing applications.

#### 2. Product Parameters:

Parameter	Description
Grade	GB/T6479 Q345E
Material	Low Temperature Alloy Steel (Seamless)
Standard	GB/T6479
Size Range	Various diameters and wall thicknesses as per GB/T6479
Length	Standard lengths, customizable upon request
Ends	Plain ends, beveled ends, threaded, or socket-weld ends
Surface Treatment	As-rolled, annealed, or normalized

#### 3. Mechanical Properties:

Property	Typical Requirements
Tensile Strength	≥440 MPa (64,000 psi)
Yield Strength	≥275 MPa (40,000 psi)
Elongation	≥20% in 50 mm (2 in) or 4D, whichever is greater
Hardness	Varies depending on heat treatment

#### 4. Chemical Composition:

Element	Typical Range (%)
Carbon	0.12 - 0.20
Manganese	≤1.70
Phosphorus	≤0.025
Sulfur	≤0.025
Silicon	≤0.50

#### 5. Product Applications:

**Cryogenic Systems:** Used for transporting liquefied gases and other substances in cryogenic storage and transportation systems.

**Refrigeration and Freezing Equipment:** Ideal for low-temperature refrigeration and freezing systems in industrial and commercial applications.

**Chemical Processing:** Suitable for handling chemicals that require low-temperature storage and transport.

**Oil and Gas Industry:** Employed in pipelines and equipment for oil and natural gas exploration in cold regions.

**Construction:** Utilized in structural applications that demand high strength at low temperatures.

#### 6. Product Advantages:

**Seamless Construction:** Offers a consistent material structure and eliminates potential seam-related failures.

**Low-Temperature Performance:** Alloy steel composition ensures reliable performance in chilled conditions.

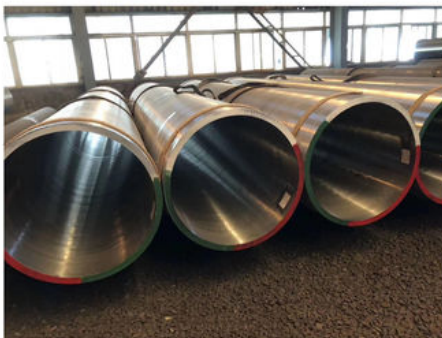
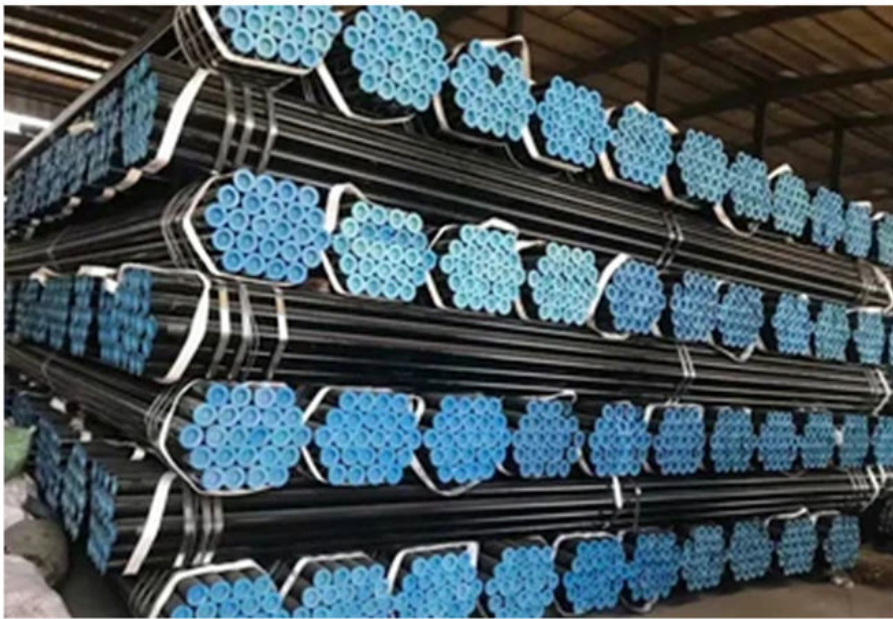
**Pressure Resistance:** Designed to withstand the pressures associated with various industrial processes.

**Corrosion Resistance:** The alloy content provides enhanced resistance to corrosion and oxidation.

**Customizability:** Available in various diameters and lengths to suit specific project requirements.

## Product Image

Cangzhou Baoyang Pipeline Co., Ltd







**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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