



GB/T6479 Q345D Q345e Low Temperature Carbon Steel Pipe / Seamless Steel Tube

Our Product Introduction

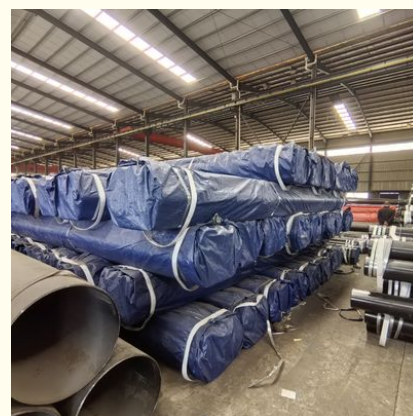
Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: GB/T6479 Q345D 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: High Pressure Boiler Steel Pipe
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: GB/T6479 Q345D 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 low temperature carbon steel pipe , gb/t6479 seamless steel tube, gb/t6479 low temperature carbon steel pipe



Product Description

GB/T6479 Q345D, Q345E Low-Temperature Seamless Steel Pipes

1. Product Description: GB/T6479 Q345D and Q345E Low-Temperature Seamless Steel Pipes are high-quality steel pipes designed for applications requiring performance in low-temperature environments. These pipes are manufactured from carbon and low-alloy steel and are seamless, ensuring uniform wall thickness and excellent mechanical properties. They are specifically engineered to maintain their structural integrity and performance at temperatures as low as -40°C (-40°F).

2. Product Parameters:

Parameter	Description
Grades	GB/T6479 Q345D, Q345E
Material	Carbon and Low-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	Q345D Requirement	Q345E Requirement
Tensile Strength	≥440 MPa (64,000 psi)	≥470 MPa (68,000 psi)
Yield Strength	≥275 MPa (40,000 psi)	≥275 MPa (40,000 psi)
Elongation	≥21%	≥21%
Hardness	Varies depending on heat treatment	

4. Chemical Composition:

Element	Typical Range (%) for Q345D	Typical Range (%) for Q345E
Carbon	0.18 - 0.22	0.18 - 0.22
Manganese	≤1.70	≤1.70
Phosphorus	≤0.025	≤0.025
Sulfur	≤0.025	≤0.025
Silicon	≤0.55	≤0.55
Chromium	-	≤0.30
Nickel	-	≤0.50

5. Product Uses:

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

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

Chemical Processing: Suitable for handling chemicals that require low-temperature processing or storage.

Construction: Utilized in structural applications that demand high strength at low temperatures, such as in cold regions.

Power and Energy: Employed in power plants and energy sectors for pipelines and equipment operating in cold conditions.

6. Product Grade Standards:

GB/T6479: The pipes are manufactured in compliance with the GB/T6479 standard, which specifies the technical requirements for seamless steel pipes for low-temperature service.

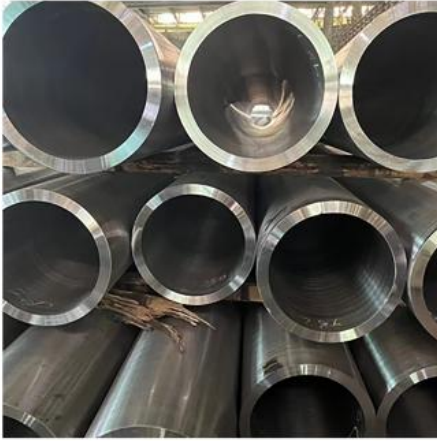
Conclusion: GB/T6479 Q345D and Q345E Low-Temperature Seamless Steel Pipes offer a combination of high strength, ductility, and corrosion resistance that make them suitable for a range of cold weather applications. Their seamless construction and adherence to GB/T6479 ensure that these pipes provide a reliable and durable solution for various industries operating in low-temperature environments.

Product Image

BAOYANG · CHINA

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



Cangzhou Baoyang Pipeline Equipment Co., Ltd.



+8615131762322



info@baoyangpipe.com



pipe-seamless.com

Room 512, Block B, Tiancheng Building, Yunhe District, Cangzhou City