



GB/T6479 Q345D High Pressure Fertilizer Thick Wall Steel Pipe Seamless Tubes

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/T6479 Q345D
- 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: **gb seamless steel pipe,
gb/t6479 seamless steel pipe,
gb thick wall steel pipe seamless**



Product Description

GB/T6479 Q345D High-Pressure Fertilizer Seamless Steel Pipes/Tubes

Product Description: GB/T6479 Q345D Fertilizer Seamless Steel Pipes/Tubes are precision-engineered seamless tubes designed specifically for use in the fertilizer industry. These tubes are manufactured according to the Chinese national standard GB/T6479, which sets forth the requirements for seamless steel tubes suitable for high-pressure applications. The Q345D grade signifies a high-strength, low-alloy steel that is well-suited for applications requiring structural integrity and resistance to high pressures.

Advantages:

Seamless Design: The seamless construction of these tubes eliminates the potential for leaks and failures at the welds, providing a more reliable and durable product.

High-Pressure Capability: The Q345D grade offers excellent strength and pressure resistance, making these tubes ideal for use in high-pressure fertilizer production processes.

Corrosion Resistance: Formulated with enhanced corrosion resistance to withstand the chemical environments common in fertilizer manufacturing.

Dimensional Accuracy: These tubes are manufactured with tight tolerances to ensure consistent quality and fit.

Long Service Life: The combination of strength, corrosion resistance, and precision manufacturing results in a product with a long operational lifespan.

Mechanical Properties

Property	Typical Range or Value	Unit
Tensile Strength	470-630	MPa
Yield Strength	≥ 345	MPa
Elongation at Break	21-25	%
Hardness	Varies by application	HB
Impact Energy	≥ 27 (at 20°C)	J/cm ²

Chemical Composition

Element	Typical Range or Max Value	Unit
Carbon (C)	0.18-0.23	%
Manganese (Mn)	1.0-1.60	%
Silicon (Si)	≤ 0.55	%
Phosphorus (P)	≤ 0.035	%
Sulfur (S)	≤ 0.035	%
Chromium (Cr)	Optional, varies	%
Nickel (Ni)	Optional, varies	%
Molybdenum (Mo)	Optional, varies	%

Outer Diameter Tolerances

Diameter Range	Tolerance
≤ 76 mm	± 0.5 mm
> 76 mm to ≤ 114 mm	± 0.8 mm
> 114 mm to ≤ 140 mm	± 1.0 mm
> 140 mm	± 1.5 mm

Uses:

Fertilizer Industry: Primarily used in the construction and maintenance of high-pressure pipelines within fertilizer production facilities.

Chemical Processing: Suitable for other chemical processes that involve the handling of corrosive substances under pressure.

Petrochemical Industry: Can be utilized in the petrochemical sector for the transportation of chemicals and other substances under high pressure.

Industrial Equipment: Employed in various types of industrial equipment that operate under high pressure, such as pumps, compressors, and reactors.

Structural Components: Due to their strength and durability, these tubes can also serve as structural components in heavy machinery and construction projects.

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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

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