



## Gr.6 EN 10216-5 Steel Oil & Gas Piping Pipelines Seamless Carbon Steel Tube

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: ISO
- Model Number: EN 10216-5
- 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: Oil And Gas Steel Pipes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: EN 10216-5
- Material: Carbon Steel Alloy Steel
- 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: **en 10216-5 oil & gas piping,  
en 10216-5 seamless carbon steel tube ,  
cold drawn oil & gas piping**

## Product Description

### EN 10216-5 Seamless Steel Oil and Gas Steel Pipelines:

EN 10216-5 is a European standard specification for seamless steel oil and gas steel pipelines. This specification specifies the technical delivery conditions for stainless steel pipes used in the transportation of oil and gas. EN 10216-5 seamless steel pipelines are known for their corrosion resistance, high strength, and versatility, making them suitable for a wide range of applications in the oil and gas industry.

#### Product Description:

EN 10216-5 seamless steel oil and gas steel pipelines are manufactured from stainless steel. These pipelines have a seamless construction, ensuring precise dimensions and smooth internal surfaces. They are available in various sizes and grades to meet the specific requirements of corrosion-resistant applications in the oil and gas industry.

#### Product Features:

EN 10216-5 seamless steel oil and gas steel pipelines offer the following features:

**Corrosion Resistance:** The stainless steel material used in EN 10216-5 pipelines provides excellent resistance to corrosion, making them suitable for applications involving corrosive fluids or environments.

**High Strength:** The stainless steel composition of EN 10216-5 pipelines provides high mechanical strength, allowing them to withstand high-pressure conditions encountered in the transportation of oil and gas.

**Versatility:** EN 10216-5 pipelines are available in various grades of stainless steel, offering versatility in terms of chemical resistance, temperature range, and mechanical properties to meet specific application requirements.

#### Product Parameters:

Parameter	Value
Size Range	6 mm - 219.1 mm
Wall Thickness	0.5 mm - 20 mm
Length	3 m - 12 m
Steel Grade	1.4301, 1.4307, 1.4401, 1.4404, 1.4541, 1.4571
Delivery Condition	Solution Annealed, Pickled, Passivated

#### Mechanical Properties:

Mechanical Property	1.4301 (TP304)	1.4307 (TP304L)	1.4401 (TP316)	1.4404 (TP316L)
Tensile Strength	500-700 MPa	500-700 MPa	530-680 MPa	530-680 MPa
Yield Strength	200 MPa min	200 MPa min	210 MPa min	210 MPa min
Elongation	35% min	35% min	35% min	35% min

#### Chemical Composition:

Element	1.4301 (TP304) Content	1.4307 (TP304L) Content	1.4401 (TP316) Content	1.4404 (TP316L) Content
Carbon (C)	0.08% max	0.03% max	0.08% max	0.03% max
Manganese (Mn)	2.00% max	2.00% max	2.00% max	2.00% max
Phosphorus (P)	0.045% max	0.045% max	0.045% max	0.045% max
Sulfur (S)	0.030% max	0.030% max	0.030% max	0.030% max
Silicon (Si)	1.00% max	1.00% max	1.00% max	1.00% max
Chromium (Cr)	18.0-20.0%	18.0-20.0%	16.5-18.5%	16.5-18.5%
Nickel (Ni)	8.0-11.0%	8.0-12.0%	10.0-13.0%	10.0-13.0%
Molybdenum (Mo)	-	-	2.0-2.5%	2.0-2.5%

#### Product Applications:

EN 10216-5 seamless steel oil and gas steel pipelines find wide applications in various sectors, including:

**Oil and Gas Industry:** These pipelines are extensively used in the transportation of oil and gas, particularly in offshore and onshore installations, where corrosion resistance is crucial.

**Chemical and Petrochemical Industry:** EN 10216-5 pipelines are widely employed in chemical processing plants and petrochemical refineries for the transportation of corrosive fluids and gases.

**Power Generation:** These pipelines are utilized in power plants, including thermal and nuclear, for applications such as steam and water distribution, as well as the transportation of fuel gases.

**Food and Beverage Industry:** EN 10216-5 pipelines are suitable for applications in the food and beverage industry, where hygiene and corrosion resistance are essential, such as in transportation of food-grade liquids and gases.

**Pharmaceutical Industry:** These pipelines are used in pharmaceutical manufacturing processes where cleanliness, compatibility, and resistance to corrosion are critical.

## Product Image

Cangzhou Baoyang Pipeline Co., Ltd







**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



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