



## Api 5l Gr B Seamless Pipe X52 X56 X60 Smls Carbon Seamless Steel Pipe

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: Api 5l Gr B X52 X56 X60
- 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: Api 5l Gr B Carbon Steel Pipes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASTM/ASME/DIN/En
- Material: A53 Gr/A GRB, 106 GR.A GR.B
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 6-2500mm
- Processing Service: Bending, Punching, Cutting
- Usage: Casing Tube Boiler Pipe
- Highlight: **api 5l gr b seamless pipe x52, x52 api 5l seamless pipe, x56 api 5l seamless pipe**



## Product Description

### API 5L Gr. B, X52, X56, X60 Seamless Carbon Steel Pipes

**1. Product Description:** API 5L Gr. B, X52, X56, X60 Seamless Carbon Steel Pipes are high-quality, seamless pipes used primarily in the oil and gas industry for pipeline transportation systems. They are manufactured to meet the stringent requirements of the American Petroleum Institute (API) Specification 5L, which ensures their structural integrity and suitability for various pipeline applications. The grades denote the minimum yield strength of the steel: Gr. B (minimum 240 MPa), X52 (minimum 360 MPa), X56 (minimum 415 MPa), and X60 (minimum 440 MPa).

#### 2. Product Parameters:

| Parameter         | Description   |
|-------------------|---|
| Grades            | Gr. B, X52, X56, X60                                    |
| Material          | Carbon Steel (Seamless)                                 |
| Standard          | API Specification 5L                                    |
| Size Range        | Wide range of diameters and wall thicknesses            |
| Length            | Standard lengths, customizable upon request             |
| Ends              | Plain ends, beveled ends, threaded, or socket-weld ends |
| Surface Treatment | As-rolled, normalized, or annealed                      |

#### 3. Product Advantages:

**Seamless Construction:** Provides a uniform wall thickness and superior resistance to pressure.

**High Yield Strength:** Varying grades offer different levels of strength suitable for specific applications.

**Reliability:** Manufactured to meet API standards, ensuring quality and reliability.

**Corrosion Resistance:** Offers resistance to various environmental conditions common in pipeline transport.

**Cost-Effectiveness:** Provides a balance of performance and cost for long-distance pipeline projects.

#### 4. Product Uses:

**Oil and Gas Pipelines:** Used extensively for the transportation of oil, natural gas, and petroleum products.

**Offshore Platforms:** Suitable for pipelines in offshore drilling and production platforms.

**Gas Distribution Networks:** Ideal for city and regional gas distribution systems.

**Water and Slurry Transportation:** Can be used for transporting water and other slurries in certain applications.

#### 5. Executing Standards:

**API Spec 5L:** The pipes are manufactured in compliance with API Specification 5L, which specifies the requirements for line pipe used to convey petroleum and other liquids.

#### 6. Mechanical Properties:

| Property         | Gr. B Requirement | X52 Requirement | X56 Requirement | X60 Requirement |
|------------------|-------------------|-----------------|-----------------|-----------------|
| Tensile Strength | 415-535 MPa       | 415-535 MPa     | 460-570 MPa     | 510-630 MPa     |
| Yield Strength   | ≥240 MPa          | ≥360 MPa        | ≥415 MPa        | ≥440 MPa        |
| Elongation       | ≥22%              | ≥22%            | ≥22%            | ≥22%            |
| Hardness         | Varies            | Varies          | Varies          | Varies          |

#### 7. Chemical Composition:

| Element    | Typical Range (%) for Carbon Steel in API 5L |
|------------|--|
| Carbon     | Up to 0.32                                   |
| Manganese  | Up to 1.65                                   |
| Phosphorus | ≤ 0.025                                      |
| Sulfur     | ≤ 0.025                                      |
| Silicon    | Up to 0.35                                   |

**Conclusion:** API 5L Gr. B, X52, X56, X60 Seamless Carbon Steel Pipes are engineered to provide exceptional strength and reliability for pipeline applications in the oil and gas industry. Their seamless construction and adherence to API Spec 5L standards ensure that these pipes are suitable for a wide range of high-pressure and high-temperature applications. With varying grades offering different levels of yield strength, these pipes can be selected based on specific project requirements, providing a versatile and cost-effective solution for pipeline transportation.

#### Product Image



## 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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