



## API 5L X42 PSL1 And PSL2 Seamless Steel Pipeline Steel Pipe / Alloy Steel Tube

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: API 5L X42 PSL1 And PSL2
- 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: API 5L X42 PSL1 And PSL2
- 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: **psl1 alloy steel tube, psl1 pipeline steel pipe, psl2 alloy steel tube**



## Product Description

### API 5L X42 PSL1 and PSL2 Seamless Steel Pipeline Steel Pipe:

API 5L X42 is a commonly used specification for seamless steel pipeline steel pipes in the petroleum and natural gas industries. It comes in two levels of product specification: PSL1 (Product Specification Level 1) and PSL2 (Product Specification Level 2). These steel pipes are designed to transport fluids such as oil, gas, and water over long distances with high efficiency and reliability.

#### Product Description:

API 5L X42 PSL1 and PSL2 seamless steel pipeline steel pipes are made from high-quality carbon steel. They have a seamless construction, ensuring excellent dimensional accuracy and smooth internal surfaces. These pipes are available in various sizes and thicknesses to meet the specific requirements of different projects.

#### Product Parameters:

| Parameter          | Value   |
|--------------------|---|
| Outer Diameter     | 1/2" - 48"                                      |
| Wall Thickness     | SCH 40 - SCH XXS                                |
| Length             | Random or Fixed                                 |
| Steel Grade        | X42   |
| Delivery Condition | As Rolled, Normalized, or Quenched and Tempered |

#### Mechanical Properties:

| Mechanical Property | PSL1 Value                           | PSL2 Value |
|---------------------|--------------------------------------|------------|
| Yield Strength      | ≥290 MPa                             | ≥290 MPa   |
| Tensile Strength    | ≥415 MPa                             | ≥415 MPa   |
| Elongation          | See API 5L specification for details |            |

#### Chemical Composition:

| Element         | Content |
|-----------------|---------|
| Carbon (C)      | ≤0.28%  |
| Silicon (Si)    | ≤0.45%  |
| Manganese (Mn)  | ≤1.30%  |
| Phosphorus (P)  | ≤0.030% |
| Sulfur (S)      | ≤0.030% |
| Chromium (Cr)   | ≤0.40%  |
| Nickel (Ni)     | ≤0.40%  |
| Copper (Cu)     | ≤0.40%  |
| Molybdenum (Mo) | ≤0.15%  |

#### Product Applications:

API 5L X42 PSL1 and PSL2 seamless steel pipeline steel pipes find wide applications in the petroleum and natural gas industries, including:

**Oil and Gas Transportation:** These pipes are used for the transportation of crude oil, natural gas, and other petroleum products over long distances in pipelines.

**Offshore and Onshore Projects:** API 5L X42 pipes are employed in offshore drilling and production platforms, as well as onshore oil and gas fields.

**Pipeline Infrastructure:** They are utilized in the construction of pipeline networks for the transportation of energy resources, including oil, gas, and water.

#### Product Advantages:

API 5L X42 PSL1 and PSL2 seamless steel pipeline steel pipes offer several advantages, including:

**High Strength:** These pipes have excellent tensile and yield strength, ensuring reliable performance and durability under high-pressure and demanding conditions.

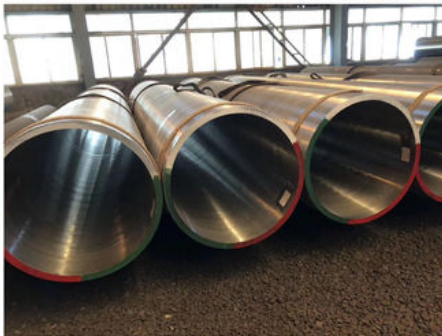
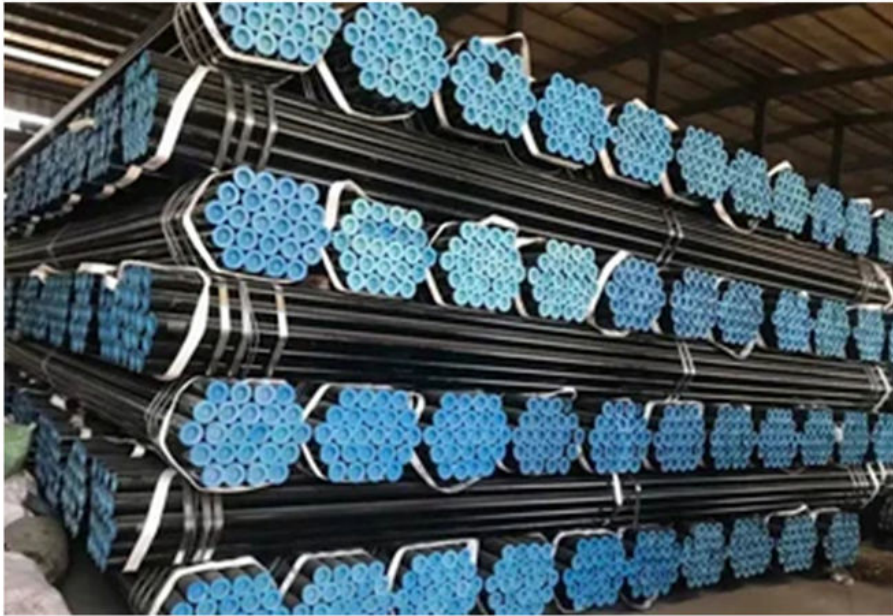
**Corrosion Resistance:** The carbon steel composition provides good resistance against corrosion, making them suitable for use in corrosive environments.

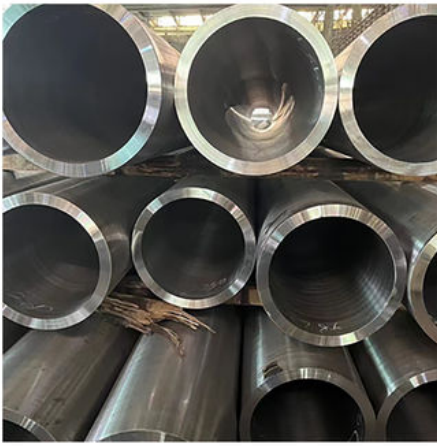
**Seamless Construction:** The seamless design eliminates the risk of leaks and ensures a smooth flow of fluids, improving operational efficiency.

**Compliance with Standards:** The pipes comply with the API 5L specification, ensuring quality and conformity to industry standards.

## 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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