



Seamless Carbon Steel Tube Line For Oil And Gas / API 5L PSL2 Oil & Gas Piping

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: API 5L 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: Oil And Gas Steel Pipes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: API 5L PSL2
- 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: **psl2 oil & gas piping,
psl2 seamless carbon steel tube,
api 5l oil & gas piping**

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Product Description

API 5L PSL2 Oil and Gas Carbon Seamless Steel Pipe

1. Product Description: API 5L PSL2 Oil and Gas Carbon Seamless Steel Pipe is a premium-grade tubing specifically designed for the oil and gas industry. These pipes are manufactured from carbon steel and are seamless, ensuring uniform wall thickness and superior structural integrity. The PSL2 (Product Specification Level 2) designation indicates a higher level of quality control and additional testing requirements compared to PSL1, making them suitable for more demanding applications.

2. Product Features:

Seamless Construction: Provides consistent wall thickness and enhanced resistance to pressure.

High-Quality Carbon Steel: Offers a balance of strength and ductility.

API 5L PSL2 Compliance: Meets stringent industry standards for oil and gas transport.

Advanced Testing: Undergoes more rigorous testing, including supplementary non-destructive testing (NDT).

Weldability: Suitable for various welding processes, allowing for easy integration into pipeline projects.

3. Product Parameters:

Parameter	Description
Standard	API 5L PSL2
Material	Carbon Steel (Seamless)
Grade	Various grades available, depending on mechanical properties
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, annealed, or normalized

4. Mechanical Properties:

Property	Typical Requirements
Tensile Strength	≥415 MPa (60,000 psi)
Yield Strength	≥240 MPa (35,000 psi)
Elongation	≥20% in 50 mm (2 in) or 4D, whichever is greater
Hardness	Varies depending on heat treatment

5. Chemical Composition:

Element	Typical Range (%)
Carbon	0.25 - 0.32
Manganese	0.40 - 1.20
Phosphorus	≤0.025
Sulfur	≤0.025
Silicon	≤0.35

6. Product Applications:

Oil and Gas Pipelines: Ideal for transporting oil, gas, and water in pipelines.

Pressure Vessels: Suitable for construction of high-pressure vessels and reactors.

Heat Exchangers: Employed in heat exchangers operating under high pressure and temperature.

Refineries: Utilized in pipelines and equipment for oil refining processes.

Offshore Platforms: Used in offshore oil and gas extraction platforms.

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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