



Cold Rolled Line Seamless Gas Pipe API 5L Api Carbon Steel Pipe

Our Product Introduction

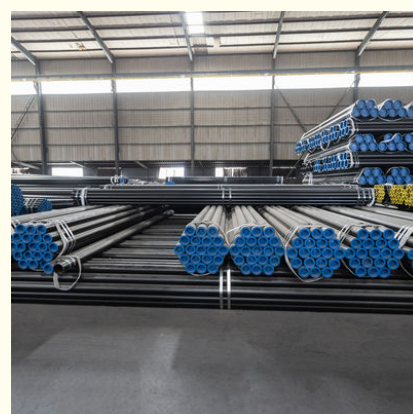
Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: API SPEC 5L GB/T9711.1 GB/T9711.2
- 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 Steel Pipe
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: API SPEC 5L GB/T9711.1 GB/T9711.2
- Material: Carbon Steel Alloy 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: **seamless gas pipe api 5L, Cold Rolled api carbon steel pipe, gas api carbon steel pipe**



Product Description

API 5L Seamless Carbon Steel Line Pipe / Tubes:

API 5L pipes are manufactured in accordance with the American Petroleum Institute's Specification 5L, which sets forth the requirements for seamless and welded steel line pipe used in the conveyance of gas, water, and oil in the oil and natural gas industries. These pipes are available in various grades, including but not limited to A25, A, B, X42, X46, X52, X56, X60, X65, X70, and X80, with each grade reflecting different levels of minimum yield strength and chemical composition.

Key Features of API 5L Seamless Carbon Steel Line Pipe / Tubes:

Seamless Construction: API 5L pipes are seamless, providing a continuous material structure that enhances their resistance to pressure and stress.

High-Strength Grades: The 'X' grades (e.g., X42, X56, X60) offer higher strength levels, making them suitable for high-pressure applications.

Chemical Composition: The pipes are made from carbon steel with varying amounts of alloying elements such as manganese, phosphorus, sulfur, and trace amounts of niobium, vanadium, and titanium to enhance their properties.

Mechanical Properties: They exhibit a range of mechanical properties, including tensile strength and yield point, which are critical for structural integrity under pressure.

Threaded and Plain Ends: API 5L pipes can be supplied with threaded or plain ends, depending on the method of connection required.

Applications of API 5L Seamless Carbon Steel Line Pipe / Tubes:

Oil and Gas Transmission: Used extensively in onshore and offshore pipelines for the transportation of oil and natural gas.

Refineries and Petrochemical Plants: Employed in various applications within refineries and petrochemical plants for fluid transport.

Water Supply Systems: Suitable for high-pressure water supply systems, including those in urban infrastructure and industrial settings.

Gas Distribution Networks: Utilized in the construction of gas distribution networks for residential and commercial areas.

Structural Applications: The pipes can also be used in structural applications where high strength and durability are required.

Tolerance on Dimensions

Standard	Out Diameter		Wall Thickness
	Tolerance		Tolerance
API 5L	D<60.3	+0.41mm, -0.80mm	+15.0%, -12.5%
	D≥60.3	+0.75%D, -0.75%D	+15.0%, -12.5%

Standard

Standard	Grade	Chemical Components (%)					Mechanical Properties	
		C	Si	Mn	P	S	Tensile STrength(Mpa)	Yield STrength(Mpa)
API 5L PSL1	A	0.22	-	0.90	0.030	0.030	≥331	≥207
	B	0.28	-	1.20	0.030	0.030	≥414	≥241
	X42	0.28	-	1.30	0.030	0.030	≥414	≥290
	X46	0.28	-	1.40	0.030	0.030	≥434	≥317
	X52	0.28	-	1.40	0.030	0.030	≥455	≥359
	X56	0.28	-	1.40	0.030	0.030	≥490	≥386
	X60	0.28	-	1.40	0.030	0.030	≥517	≥448
	X65	0.28	-	1.40	0.030	0.030	≥531	≥448
	X70	0.28	-	1.40	0.030	0.030	≥565	≥483
API 5L PSL2	B	0.24	-	1.20	0.025	0.015	≥414	≥241
	X42	0.24	-	1.30	0.025	0.015	≥414	≥290
	X46	0.24	-	1.40	0.025	0.015	≥434	≥317
	X52	0.24	-	1.40	0.025	0.015	≥455	≥359
	X56	0.24	-	1.40	0.025	0.015	≥490	≥386
	X60	0.24	-	1.40	0.025	0.015	≥517	≥414
	X65	0.24	-	1.40	0.025	0.015	≥531	≥448
	X70	0.24	-	1.40	0.025	0.015	≥565	≥483
	X80	0.24	-	1.40	0.025	0.015	≥621	≥552

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PRODUCT DISPLAY





Company Profile

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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

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