



ASTM API 304 A106 A53 Oil and Gas Steel Pipes Seamless Steel Pipe

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: Oil And Gas Pipeline
- 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 Pipeline
- Technique: Hot-Rolled
- Standards: BS, JIS, GB, ASTM, DIN, AISI
- Material: Carbon Steel
- Wall Thickness: 4mm-150mm
- Outer Diameter: 13.7mm-609.6mm
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Boiler Pipe, Hydraulic/Automobile Pipe, Oil/Gas Drilling
- Highlight: **a53 oil and gas steel pipes,
astm oil and gas pipes,
astm oil and gas steel pipes**



Product Description

Oil And Gas Pipeline Seamless Steel Pipe

Oil and gas pipeline seamless steel pipes are an integral part of the infrastructure in the oil and gas industry, designed to handle the transportation of hydrocarbons, including crude oil and natural gas, under high pressure and over long distances. Here's a detailed look at these pipes:

- 1. Manufacturing Process:** Seamless steel pipes are made from a single billet of steel that is heated and then pierced to create a hollow tube. This process eliminates the weld seam, which can be a point of weakness in welded pipes. The pipes are then shaped and sized through a series of rollers and heat treatments, ensuring a uniform structure and superior strength.
- 2. Material Properties:** These pipes are typically made from high-quality carbon steel or alloy steel that provides the necessary strength and resistance to corrosion, especially when exposed to the often harsh conditions encountered in oil and gas operations.
- 3. Applications:** Seamless steel pipes are used extensively in upstream, midstream, and downstream operations of the oil and gas industry. They are ideal for onshore and offshore pipelines, well casings, and drilling operations due to their ability to withstand high pressures and corrosive environments.
- 4. Advantages:** The seamless design offers a number of advantages, including a uniform wall thickness, high-pressure tolerance, resistance to leaks, and excellent durability. They are also favored for their reliability and safety in critical applications.
- 5. Standards:** Seamless steel pipes used in the oil and gas industry must adhere to strict industry standards, such as API 5L, which specifies requirements for two levels of specification for seamless pipes used in pipeline transportation systems.
- 6. Heat Treatment:** After manufacturing, these pipes often undergo heat treatment processes to enhance their mechanical properties, including tensile strength and yield strength, making them suitable for the demanding conditions of oil and gas service.
- 7. Non-Destructive Testing (NDT):** To ensure the highest level of safety and reliability, seamless steel pipes are subject to rigorous NDT, including ultrasonic testing, magnetic particle inspection, and hydrostatic testing.
- 8. Sizing and Tolerances:** The pipes are manufactured in a range of sizes and schedules to meet the specific requirements of different applications. They are also produced with tight tolerances to ensure a precise fit and reliable performance.
- 9. Corrosion Resistance:** Seamless steel pipes can be treated or coated to provide additional protection against corrosion, which is particularly important for pipelines that may be exposed to corrosive soils or seawater.
- 10. Cost and Economy:** While seamless steel pipes tend to be more expensive than welded pipes due to their manufacturing process, their superior performance and longevity can result in cost savings over time by reducing maintenance and replacement costs.

Seamless steel pipes play a critical role in the safe and efficient transportation of oil and gas products, making them a key component in the energy infrastructure of many countries. Their manufacturing process, material properties, and adherence to stringent standards make them a reliable choice for these demanding applications.

specifications of Oil And Gas Pipeline

Name	Oil And Gas Pipeline Seamless carbon steel pipes
Pipe Size	1/2-"32"
Wall Thickness	SCH10,SCH20,SCH30,STD,SCH40,SCH60,XS,SCH80, SCH100,SCH120, SCH140,SCH160,XXS,DIN, JIS standard thickness
Length	5.8m,6m, 11.8m,12m or depending on customers' requirements
Standard	ASTM A53, A106, API 5L, ASME B36.10M-1996 DIN1626, DIN1629, DIN17175, DIN 2448 JIS G3452,JIS G3454,JIS G3455,JIS G3456,JIS G3457,JIS G3461
Material	Q235, 20#, Q345 A53B, A106B, API 5L B,X42,X46,X52,X60, X65 ST37.0,ST35.8,St37.2,St35.4/8,St42,St45,St52,St52.4 STP G38,STP G42,STPT42,STB42,STS42,STPT49,STS49
Application	Low and middle pressure fluid pipeline, boiler, petroleum And natural gas industry, drilling, chemical
Surface	Black painting, black varnish, transparent oil, hot galvanized, 3PE,epoxy coating,BE,PE.Etc.
Package	As per customers' request
Certificate	ISO9001, API etc
Delivery	EXW FOB CIF CFR

Payment	Bank Transfer
Advantages	1.Reasonable price with excellent quality 2.Abandant stock and prompt delivery 3.Rich supply and export experience, sincere service 4.Reliable forwarder, 2-hour away from port.

Product Photos





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