



ASTM A335 Seamless Ferritic Alloy Steel Seamless Pipes For High Temperature Service

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A335
- 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: ASTM A335
- 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: **ferritic alloy steel seamless pipes ,
astm alloy steel pipes ,
astm alloy steel seamless pipes**



Product Description

ASTM A335 Seamless Ferritic Alloy-Steel Pipe for High-Temperature Service: Engineered for Extreme Conditions
1. Product Description: ASTM A335 Seamless Ferritic Alloy-Steel Pipe is specifically designed for high-temperature service applications. These pipes are manufactured from a variety of ferritic alloy steels that offer exceptional strength, ductility, and resistance to creep deformation at elevated temperatures. The seamless construction ensures a uniform wall thickness and superior structural integrity, making them ideal for demanding environments.
2. Product Parameters:

Parameter	Description
Standard	ASTM A335
Material	Ferritic Alloy Steel (Seamless)
Size Range	Various diameters and wall thicknesses as per ASTM A335
Length	Standard lengths, customizable upon request
Ends	Plain ends, beveled ends, threaded, or socket-weld ends
Surface Treatment	As-rolled, annealed, or normalized

3. Mechanical Properties:

Property	Typical Requirements
Tensile Strength	≥415 MPa (60,000 psi)
Yield Strength	≥205 MPa (30,000 psi)
Elongation	≥20% in 50 mm (2 in) or 4D, whichever is greater
Hardness	Varies depending on heat treatment and specific grade

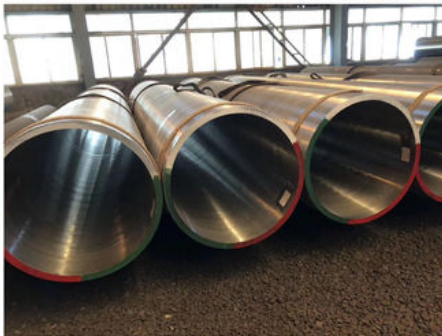
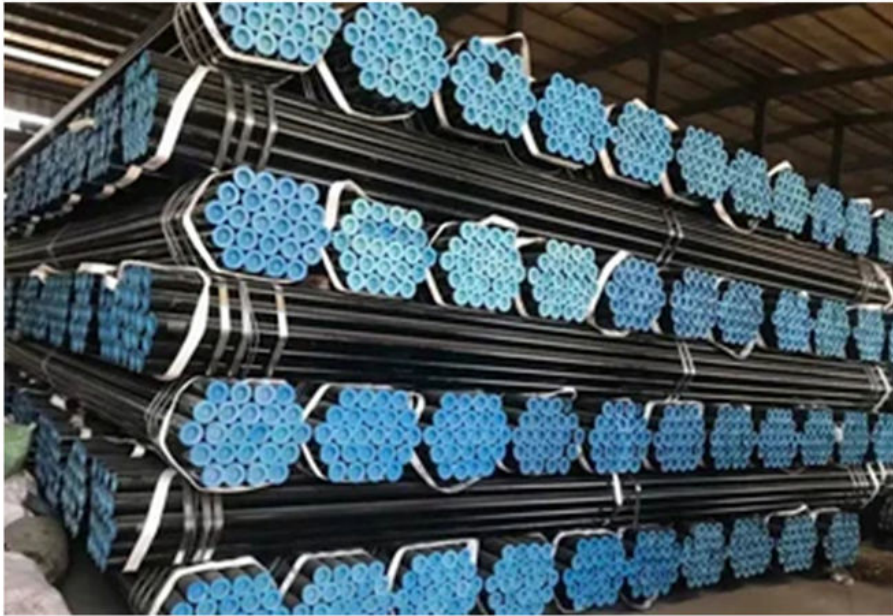
4. Chemical Composition:

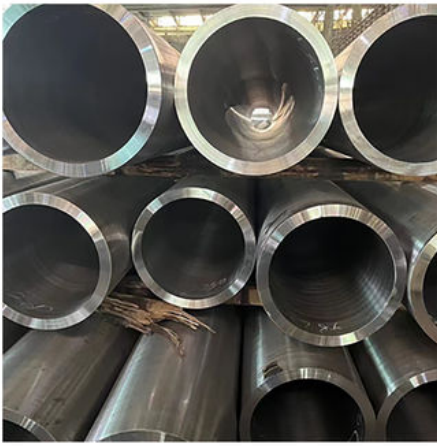
Element	Typical Range (%)
Carbon	≤0.12 (for Grades P5, P9, P11, P22, P91)
Manganese	≤1.00 (for Grades P5, P9, P11, P22, P91)
Phosphorus	≤0.025 (common across grades)
Sulfur	≤0.025 (common across grades)
Silicon	≤0.50 (common across grades)
Chromium	Varies by grade (e.g., 8.00-9.50% for Grade P91)
Molybdenum	Varies by grade (e.g., 0.40-0.60% for Grade P91)

5. Product Applications:
Boiler Tubes: Utilized in high-pressure boilers for steam generation.
Superheater and Reheater Tubes: Employed in superheater and reheater sections of steam power plants.
Heat Exchangers: Suitable for use in heat exchangers operating under high pressure and temperature.
Pressure Vessels: Ideal for construction of high-pressure vessels and reactors in petrochemical and refining industries.

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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