ASTM A335/ASME SA335 P1 Ferritic Alloy Steel Pipes / Alloy Seamless Pipe

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A335/ASME SA335 p1
- 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/ASME SA335 P1
- 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 pipes**, **astm alloy steel pipes**, **astm alloy seamless pipe**

Product Description

ASTM A335 P1 Seamless Ferritic Alloy Steel Pipes/Tubes

1. Product Description: ASTM A335 P1 Seamless Ferritic Alloy Steel Pipes/Tubes are designed for high-temperature applications that require exceptional strength and resistance to oxidation. These pipes and tubes are manufactured from a ferritic alloy steel, which offers a unique combination of properties, including good ductility and high thermal conductivity. The seamless construction ensures a uniform wall thickness and optimal resistance to pressure.

2. Product Parameters:

Parameter	Description
Grade	ASTM A335 P1
Material	Ferritic Alloy Steel (Seamless)
Standard	ASTM A335
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	≥30% in 50 mm (2 in) or 4D, whichever is greater
Hardness	Varies depending on heat treatment

4. Chemical Composition:

Element	Typical Range (%)
Carbon	≤0.12
Manganese	≤0.50
Phosphorus	≤0.025
Sulfur	≤0.025
Silicon	≤0.50
Chromium	9.00 - 11.00

5. Product Applications:

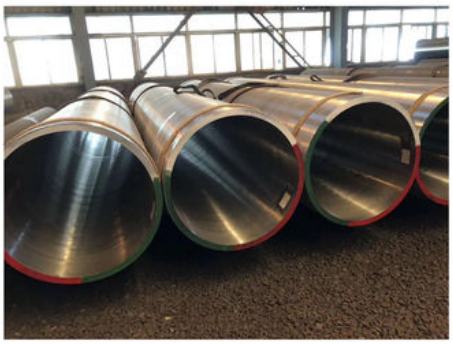
Heat Exchangers: Suitable for use in heat exchangers operating under high pressure and temperature.
Boiler Tubes: Ideal for steam generation in high-pressure boilers.
Superheater Tubes: Employed in superheater sections to raise steam temperature.
Pressure Vessels: Utilized in the construction of high-pressure vessels and reactors.
Gas and Oil Industry: Used in pipelines and equipment for oil and natural gas transport.

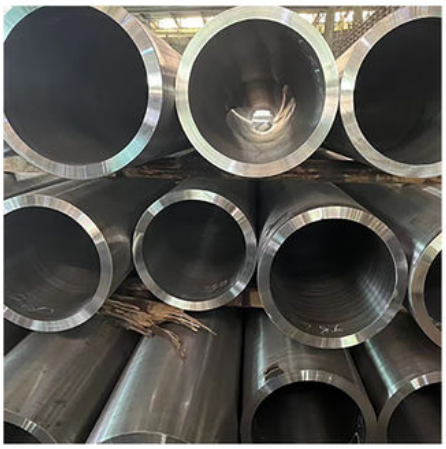
6. Product Advantages:

Seamless Construction: Provides a consistent material structure and eliminates potential seam-related failures.
High-Temperature Resistance: Ferritic alloy steel offers excellent resistance to high temperatures and thermal cycling.
Oxidation Resistance: The alloy composition provides superior resistance to oxidation at elevated temperatures.
Corrosion Resistance: Enhanced resistance to corrosion and oxidation due to the presence of chromium.
Long Service Life: Built to last with minimal maintenance in challenging environments.

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

+8615131762322 BYpipe001@pipe-seamless.com pipe-seamless.com

Room 512, Block B, Tiancheng Building, Yunhe District, Cangzhou City