



Hot Rolled ASME SA333 Gr. 6 Carbon Steel Seamless Steel Pipe For Low Temperature

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASME SA333 Gr. 6 Low Temperature
- 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: ASME SA333 Gr. 6 Low Temperature Steel Pipe
- Technique: Hot-Rolled
- Standards: ASTM/ASME/DIN/En
- Material: Carbon Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 13.7mm-609.6mm
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Boiler Pipe, Hydraulic/Automobile Pipe, Oil/Gas Drilling
- Highlight: **Hot Rolled seamless steel tube, SA333 carbon steel seamless steel pipe, Hot Rolled astm a333 gr 6 smls**



Product Description

An Overview of Hot Rolled ASME SA333 Grade 6 Seamless Steel Pipes

1. Definition: Hot Rolled ASME SA333 Grade 6 Seamless Steel Pipes are tubular products manufactured from carbon steel and are designed to be used in high-temperature and low-temperature applications. These pipes are produced through a hot rolling process, which involves rolling the steel at high temperatures to achieve the desired shape and dimensions.

2. Advantages:

Enhanced Strength: The hot rolling process imparts a higher level of strength to the steel pipes.

Seamless Design: These pipes do not have any weld seams, which eliminates potential points of weakness.

Cost-Effective: Hot rolled pipes are generally more economical compared to cold-finished pipes.

Thermal Efficiency: Suitable for applications involving thermal cycling due to their heat-treated nature.

Wide Range of Sizes: Available in a variety of diameters and wall thicknesses to meet diverse project specifications.

3. Product Parameters:

Parameter	Description
Standard	ASME A333 Grade 6
Material	Carbon Steel
Process	Hot Rolled
Size Range	Various diameters and wall thicknesses according to ASME A333
Length	Typically 20 feet (6.1 meters), but can be customized
Ends	Plain ends, beveled ends, or threaded ends
Surface Treatment	As per customer requirements

4. Applications:

Refrigeration Systems: Utilized for transporting fluids at low temperatures.

Oil and Gas Industry: Suitable for pipelines and process equipment in the oil and gas sector.

Boiler Industry: Used in the construction of boilers and heat exchangers.

Chemical Processing: Ideal for handling corrosive chemicals at various temperatures.

5. Mechanical Properties:

Property	Requirement
Tensile Strength	≥485 MPa (70,000 psi)
Yield Strength	≥240 MPa (35,000 psi)
Elongation	≥20% in 50 mm (2 in) for pipes ≤ 76 mm (3 in) in diameter
Impact Test	Varies based on wall thickness and temperature service

6. Chemical Composition:

Element	Typical Range (%)
Carbon	0.26 - 0.33
Manganese	0.60 - 1.00
Phosphorus	≤ 0.025
Sulfur	≤ 0.025
Silicon	≤ 0.30

7. Heat Treatment: The pipes are subject to heat treatment processes to ensure the desired mechanical properties and to improve their toughness and ductility.

Conclusion: Hot Rolled ASME SA333 Grade 6 Seamless Steel Pipes are versatile and robust, making them suitable for a wide range of applications where both high and low-temperature performance is required. Their seamless construction and the benefits of the hot rolling process make these pipes a reliable choice for various industrial applications.

Product Image



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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