



ASTM A333 Low Temp Pipe Gr. 6 ASME SA333 Low Temperature Seamless Carbon Pipe Tubes

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A333 Gr. 6 ASME SA333
- 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: Low Temperature Seamless Steel Pipe
- Technique: Hot-Rolled
- Standards: ASTM A333 Gr. 6 ASME SA333
- 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: **a333 low temp pipe gr. 6,
asme seamless carbon pipe,
asme a333 low temp pipe**

for more products please visit us on pipe-seamless.com

Product Description

ASTM A333 Gr. 6 / ASME SA333 Low Temperature Carbon Steel Seamless Pipe/Tubes

1. Product Description: ASTM A333 Grade 6 / ASME SA333 Low Temperature Carbon Steel Seamless Pipe/Tubes are engineered to provide exceptional performance in low temperature environments. These pipes and tubes are manufactured from carbon steel and are seamless, ensuring uniform wall thickness and superior mechanical properties. They are designed to maintain their integrity and performance at temperatures as low as -45°C (-49°F), making them ideal for a variety of cryogenic and cold service applications.

2. Product Parameters:

Parameter	Description
Grades	ASTM A333 Gr. 6 / ASME SA333
Material	Low Temperature Carbon Steel (Seamless)
Standard	ASTM A333, ASME SA333
Size Range	Various diameters and wall thicknesses as per ASTM/ASME standards
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	Requirement
Tensile Strength	≥415 MPa (60,000 psi)
Yield Strength	≥240 MPa (35,000 psi)
Elongation	≥20% in 50 mm (2 in) or 4D, whichever is greater
Hardness	Varies depending on heat treatment and processing

4. Chemical Composition:

Element	Typical Range (%)
Carbon	0.26 - 0.34
Manganese	0.35 - 0.60
Phosphorus	≤ 0.025
Sulfur	≤ 0.025
Silicon	≤ 0.35

5. Product Uses:

Cryogenic Piping: Used for transporting liquefied gases and other cryogenic fluids.

Refrigeration Systems: Ideal for systems that require low temperature operation.

Chemical Processing: Suitable for handling chemicals in processes involving low temperatures.

Oil and Gas Industry: Employed in pipelines and equipment for oil and natural gas exploration where low temperatures are encountered.

Power Generation: Utilized in power plants for steam lines and other systems operating under low temperatures.



Cangzhou Baoyang Pipeline Equipment Co., Ltd.



+8615131762322



BYpipe001@pipe-seamless.com



pipe-seamless.com

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