



ASTM A178 A179 A192 High Pressure Boiler Steel Pipe Carbon Steel Cold Drawn

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: ASTM A178 A179 A192
- 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: High Pressure Boiler Steel Pipe
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASTM A178 A179 A192
- Material: Carbon Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 6-2500mm
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Oil/Gas Drilling, Machinery Industry
- Highlight: **a178 boiler tube suppliers,
a178 high pressure boiler steel pipe,
a179 boiler tube suppliers**



Product Description

ASTM A178 A179 A192 Seamless Carbon Steel Boiler Steel Tubes/Pipes

1. Product Description: ASTM A178, A179, and A192 Seamless Carbon Steel Boiler Steel Tubes/Pipes are premium-grade steel tubes designed for use in boiler and superheater applications where high strength and durability are required. These tubes are manufactured from carbon steel and are seamless, ensuring a uniform wall thickness and superior structural integrity. They are engineered to withstand the rigors of high-pressure and high-temperature environments.

2. Product Parameters:

Parameter	Description
Grades	ASTM A178, A179, A192
Material	Seamless Carbon Steel
Standard	ASTM A178, ASTM A179, ASTM A192
Size Range	Various diameters and wall thicknesses as per ASTM 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	ASTM A178/A179/A192 Requirement
Tensile Strength	≥415 MPa (60,000 psi) for all grades
Yield Strength	≥240 MPa (35,000 psi) for A178, varies for A179 and A192 based on product forms
Elongation	≥20% in 50 mm (2 in) for A178, varies for A179 and A192 based on product forms
Hardness	Varies depending on heat treatment and specific grade

4. Chemical Composition:

Element	Typical Range (%) for ASTM A178/A179/A192
Carbon	0.15 - 0.30
Manganese	0.35 - 0.60
Phosphorus	≤ 0.025
Sulfur	≤ 0.025
Silicon	≤ 0.35

5. Product Uses:

Boiler Tubes: Used in power and industrial boilers for steam generation.

Superheater Tubes: Employed in the superheater sections of steam power plants to increase steam temperature.

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.

6. Product Grade Standards:

ASTM A178: Specifies requirements for electric-resistance-welded (ERW) carbon steel boiler and superheater tubes.

ASTM A179: Covers minimum-wall-thickness, seamless cold-drawn low-carbon steel boiler and superheater tubes.

ASTM A192: Specifies the requirements for seamless ferritic and austenitic-ferritic alloy-steel boiler, superheater, and heat-exchanger tubes.

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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