



Seamless Carbon Steel Pipes/Tubes For Oil Cracking Process

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: Tubes For Oil Cracking Process
- 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 Carbon Steel Pipes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASME SA53, ASTM A106
- 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: **astm seamless steel pipe, industry seamless steel pipe, astm seamless stainless steel pipe**



Product Description

GB 6479 15CrMo Seamless Steel tubes For High Pressure Fertilizer

Product Description: Seamless Carbon Steel Pipes/Tubes for the Oil Cracking Process are specifically designed to withstand the extreme conditions of high temperature and pressure found in petrochemical refining operations. These pipes are manufactured from carbon steel alloys that offer a combination of strength, ductility, and resistance to the corrosive environments typical in oil cracking units. They are seamless to provide a continuous material structure, which is critical for safety and reliability in high-pressure applications.

Advantages:

Seamless Design: Provides superior resistance to pressure and prevents potential leaks at the seams.

High-Temperature Tolerance: 高温耐受性: Capable of withstanding the high temperatures encountered in oil cracking processes.

Corrosion Resistance: Alloyed with elements that enhance resistance to the corrosive chemicals present in oil refining.

Uniform Quality: Uniform wall thickness and material properties ensure consistent performance.

Long Service Life: Designed for durability and longevity, reducing the need for frequent replacements.

Product Parameter Table:

Category	Parameter	Typical Range/Value
Material	Type	Carbon Steel
Standard	ASME SA53, ASTM A106	As per ASME/ASTM standards
Mechanical Properties	Tensile Strength	415-620 MPa (depending on grade)
	Yield Strength	240-440 MPa (depending on grade)
	Elongation	≥ 20% (for most grades)
Chemical Composition	Carbon (C)	0.15-0.30% (depending on grade)
	Manganese (Mn)	0.35-0.80%
	Phosphorus (P)	≤ 0.035%
	Sulfur (S)	≤ 0.035%
Diameter Tolerance	Outer Diameter	± 0.5% of nominal diameter or ± 0.125 mm
Wall Thickness Tolerance	Wall Thickness	± 12.5% of nominal thickness or ± 0.01 in, whichever is greater

Applications:

Oil Refineries: Used in the piping systems of oil refineries for the transportation of crude oil and petroleum products under high pressure.

Cracking Units: Ideal for the high-pressure pipes in catalytic crackers and pyrolysis units.

Heat Exchangers: Suitable for use in heat exchangers that operate under high pressure and temperature.

Pressure Vessels: Employed in the construction of pressure vessels used in the oil and gas industry.

Chemical Processing: Utilized in chemical processing plants for the handling of chemicals under high pressure.

BAOYANG · CHINA

PRODUCT DISPLAY





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



Cangzhou Baoyang Pipeline Equipment Co., Ltd.



+8615131762322



info@baoyangpipe.com



pipe-seamless.com

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