



Seamless Carbon Steel Pipe Sch 40 GB/T3087 20 Grade Alloy Steel Tube Seamless Boiler

Our Product Introduction

Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: Sch40 GB/T3087 20
- 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 Tube
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: Sch40 GB/T3087 20
- 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: **seamless carbon steel pipe sch 40 ,
Sch 40 alloy steel tube ,
Seamless Boiler alloy steel tube**



Product Description

Sch40 GB/T3087 20 Grade Alloy Seamless Boiler Pipe: A High-Performance Option for Boiler Applications

1. Product Description: Sch40 GB/T3087 20 Grade Alloy Seamless Boiler Pipes are engineered to meet the demands of high-pressure and high-temperature boiler systems. These pipes are manufactured from alloy steel and are seamless, providing a uniform wall thickness and ensuring excellent structural integrity. The 'Sch40' denotes the standard weight and dimensions according to ASME B36.10, while GB/T3087 is the Chinese national standard that specifies the requirements for these alloy steel pipes.

2. Product Parameters:

Parameter	Description
Grade	20 Grade
Material	Alloy Steel (Seamless)
Standard	GB/T3087, ASME B36.10
Schedule	Sch40
Size Range	Various diameters and wall thicknesses as per GB/T3087
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	0.17 - 0.24
Manganese	0.35 - 0.65
Silicon	0.17 - 0.37
Chromium	≤ 0.030
Copper	≤ 0.030

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.

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.

6. Product Grade Standards:

GB/T3087: This Chinese national standard specifies the requirements for alloy steel pipes intended for high-temperature and high-pressure boiler and superheater applications.

ASME B36.10: This standard covers the dimensions and weights of seamless 管 (pipes), including Sch40.

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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