



## Low Temperature Pipe Carbon Steel Seamless EN10210 S355J S355J2H

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: EN10210 S355J S355J2H
- 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 Steam Steel Boiler Pipes/Tubes
- Process: Hot Rolled Cold Rolled Cold Drawn
- Material: Carbon Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Oil/Gas Drilling, Machinery Industry
- Highlight: **pipe carbon steel seamless en10210, en10210 low temperature pipe, s355j low temperature pipe**

## Product Description

### EN10210 S355J, S355J2H Low-Temperature Seamless Steel Pipes/Tubes

**1. Product Description:** EN10210 S355J and S355J2H Low-Temperature Seamless Steel Pipes/Tubes are engineered to provide exceptional performance in low-temperature applications. These pipes and tubes are manufactured from carbon steel and are seamless, ensuring uniform wall thickness and superior mechanical properties. Designed to withstand temperatures as low as -40°C (-40°F), they are ideal for various cold service applications.

#### 2. Product Parameters:

Parameter	Description
Grades	EN10210 S355J, S355J2H
Material	Low-Temperature Carbon Steel (Seamless)
Standard	EN10210
Size Range	Various diameters and wall thicknesses as per EN10210
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	S355J Requirement	S355J2H Requirement
Tensile Strength	≥440 MPa (64,000 psi)	≥440 MPa (64,000 psi)
Yield Strength	≥275 MPa (40,000 psi)	≥275 MPa (40,000 psi)
Elongation	≥21%	≥21%
Hardness	Varies depending on heat treatment	

#### 4. Chemical Composition:

Element	Typical Range (%) for S355J	Typical Range (%) for S355J2H
Carbon	0.16 - 0.24	0.10 - 0.18
Manganese	≤1.70	≤1.70
Phosphorus	≤0.025	≤0.025
Sulfur	≤0.025	≤0.025
Silicon	≤0.55	≤0.55

#### 5. Product Uses:

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

**Refrigeration Systems:** Ideal for low-temperature refrigeration and freezing systems.

**Chemical Processing:** Suitable for handling chemicals that require low-temperature storage and transport.

**Oil and Gas Industry:** Employed in pipelines and equipment for oil and natural gas exploration in cold regions.

**Construction:** Utilized in structural applications that demand high strength at low temperatures.

**Product Image**





**Company Profile**

# BAOYANG · CHINA COMPANY INFORMATION

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## 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



BYpipe001@pipe-seamless.com



pipe-seamless.com

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