



## Seamless Carbon Steel Pipe P235gh En10216 P265gh Seamless Pipe Schedule 40

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: P235gh En10216 P265gh Schedule 40
- 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: P235gh En10216 P265gh Steel Pipe
- Process: Hot Rolled Cold Rolled Cold Drawn
- Standards: ASTM/ASME/DIN/En
- Material: Carbon Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 6-2500mm
- Processing Service: Bending, Punching, Cutting
- Usage: Oil Pipe, Structure Pipe
- Highlight: **P235gh seamless carbon steel pipe ,  
P265gh seamless pipe schedule 40 ,  
En10216 schedule 40 steel pipe**



## Product Description

### Seamless Carbon Steel Pipe P235GH and P265GH (EN10216) with Schedule 40

**1. Product Description:** Seamless Carbon Steel Pipes P235GH and P265GH are manufactured as per the EN10216 standard, which specifies the seamless 管 (the Chinese term for pipes, included as the product is often referenced in Chinese industrial contexts) for high-temperature applications. These pipes are available in Schedule 40, which refers to a specific wall thickness and outside diameter combination that corresponds to a standard weight per unit length. The 'GH' in the grade name indicates that the steel has been treated to have a good creep-rupture strength.

#### 2. Product Parameters:

Parameter	Description
Grades	P235GH and P265GH
Material	Seamless Carbon Steel
Standard	EN10216 (for seamless steel pipes) and EN10216-5 (specifically for P265GH)
Schedule	Schedule 40
Size Range	Various diameters as per EN10216 specifications
Wall Thickness	As per Schedule 40 standards
Length	Typically 6 meters, customizable upon request
Ends	Plain ends, beveled ends, threaded, or socket-weld ends
Surface Treatment	As-rolled, annealed, or normalized

#### 3. Product Advantages:

**Seamless Construction:** Provides uniform wall thickness and enhanced resistance to pressure.

**High-Temperature Resistance:** Designed for service in high-temperature environments.

**Creep-Rupture Strength:** The 'GH' grades offer improved resistance to creep and rupture at elevated temperatures.

**Standardized Dimensions:** Schedule 40 provides predictable and consistent sizing for ease of installation.

**Corrosion Resistance:** Carbon steel offers inherent resistance to many forms of corrosion.

#### 4. Product Uses:

**Pressure Vessels:** Suitable for the construction of pressure vessels and heat exchangers.

**Oil and Gas Industry:** Ideal for use in pipelines and equipment operating in high-temperature conditions.

**Power Plants:** Employed in steam lines and boiler systems where high-temperature performance is critical.

**Chemical Processing:** Used in chemical plants for transporting and processing materials at elevated temperatures.

**General Engineering:** Utilized in various engineering applications requiring high-strength pipes.

#### 5. Executing Standards:

**EN10216:** The pipes are manufactured in compliance with EN10216, which ensures dimensional accuracy and quality.

**EN10216-5:** Specifically covers the requirements for P265GH grade pipes.

#### 6. Mechanical Properties:

Property	P235GH Requirement	P265GH Requirement
Tensile Strength	≥410 MPa	≥490 MPa
Yield Strength	≥235 MPa (at 20°C)	≥265 MPa (at 20°C)
Elongation	≥20%	≥20%
Hardness	Varies depending on heat treatment	

#### 7. Chemical Composition:

Element	P235GH Range (%)	P265GH Range (%)
Carbon	≤0.24	≤0.22
Manganese	≤1.60	≤1.60
Phosphorus	≤0.025	≤0.025
Sulfur	≤0.025	≤0.025
Silicon	≤0.50	≤0.50

**Conclusion:** Seamless Carbon Steel Pipes P235GH and P265GH to EN10216 standard with Schedule 40 sizing offer a combination of strength, durability, and resistance to high temperatures. Their seamless construction and standardized dimensions make them a versatile choice for numerous industrial applications where reliability and safety are paramount. Adherence to EN10216 and EN10216-5 standards ensures that these pipes meet the high-quality benchmarks necessary for critical applications.

#### 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



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