



## 30CrMo4 34CrMo4 Alloy Seamless Steel Pipe for LPG CNG Cylinder

### Our Product Introduction

#### Basic Information

- Place of Origin: cangzhou
- Brand Name: BaoYang
- Certification: CE & ISO
- Model Number: Carbon Seamless Steel Pipe
- 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: Alloy Seamless Steel Pipes
- Technique: Hot-Rolled
- Standards: ASTM/ASME/DIN/En
- Material: Alloy Steel
- Wall Thickness: 1-20mm (0.04 Inch - 0.78 Inch)
- Outer Diameter: 13.7mm-609.6mm
- Processing Service: Bending, Punching, Cutting
- Usage: Pipeline Transport, Boiler Pipe, Hydraulic/Automobile Pipe, Oil/Gas Drilling
- Highlight: 34crmo4 alloy seamless steel pipe, 30crmo4 alloy seamless pipe, 30crmo4 alloy seamless steel pipe



## Product Description

### Alloy Seamless Steel Pipe for LPG CNG Cylinder

Liquefied petroleum gas (LPG) alloy seamless steel pipes are pipe materials specifically used in liquefied petroleum gas supply systems. They need to meet specific performance requirements to ensure safety and reliability.

#### Here are some key points about liquefied petroleum gas alloy seamless steel pipes:

1. Material selection: LPG pipelines usually use alloy seamless steel pipes because alloy materials have better corrosion resistance and high temperature resistance than ordinary carbon steel.
2. National standards: The design and material selection of liquefied petroleum gas pipelines must comply with national standards, such as the "Liquefied Petroleum Gas Supply Engineering Design Code" GB51142-2015, which stipulates the material requirements and technical specifications for seamless steel pipes.
3. Design requirements: The design pressure, design temperature and medium characteristics of the pipeline need to be considered during design. The steel pipe and its accessories must meet these requirements and comply with relevant safety technical regulations.
4. Low temperature and toughness: The selection of liquefied petroleum gas pipeline materials should consider brittle fracture at low temperature and plastic fracture at operating temperature. When used in low temperature environments, toughness requirements are also required.
5. Wall thickness calculation: The wall thickness calculation of LPG pipelines must comply with specific formulas and standards to ensure that the pipeline has sufficient strength and stability at the design pressure and temperature.
6. Welding and connection: There are also strict requirements for welding and connection of LPG pipelines. For example, when pipeline accessories are connected to pipelines by welding, the materials of the two should be the same or similar to ensure overall consistency and safety.
7. Corrosion allowance: When designing, it is also necessary to consider corrosion allowance, that is, additional wall thickness to compensate for possible corrosion thinning in the future.
8. Nominal pressure: The nominal pressure (grade) of valves and accessories configured for LPG pipelines and LPG storage tanks, other containers, equipment, and pipelines in the station should be higher than the design pressure of the transmission system to leave a safety margin.
9. Valves and accessories: Gray cast iron valves and accessories shall not be used for LPG storage tanks, other containers, equipment and pipelines. In severe cold and cold areas, steel valves and accessories should be used.
10. Strength verification: The structural design of pipelines and their accessories shall comply with the relevant provisions of GB 50253, Code for Design of Oil Pipeline Engineering, and conduct strength verification, stiffness and stability verification.

### Standards of Alloy Seamless Steel Pipe

Product Name	Alloy Seamless Steel Pipe
Material	Q195 = S195 / A53 Grade A Q235 = S235 / A53 Grade B / A500 Grade A / STK400 / SS400 / ST42.2 Q345 = S355JR / A500 Grade B Grade C 10#,20#,45#,Q235,Q345,Q195,Q215,Q345C,Q345A 16Mn,Q345B,T1,T2,T5,T9,T11,T12,T22,T91,T92,P1,P2,P5,P9
Size	Outer Dia:21.3mm-660mm,According to customer requirements Wall Thickness:0.5mm-20mm,According to customer requirements Length:1-12m,According to customer requirements
Outside Coating	black painting, anti-corrosion oil, galvanized or as per required by customer
Standard	ASTM A270-03A, ASTM A312/A312M-06, ASTM A358/A358M-05, ASTM A632-04,etc
Application	Petroleum, Chemical industry, mechanical equipment
Processing Service	Bending, Welding, Decoiling, Punching, Cutting, Moulding
Packing	Standard Seaworthy Package,according to customer requirements
MOQ	10 TON
Surface	Annealed, pickled, polished
Shipment time	Within 10-20 workdays after receiving deposit
Outer Diameter	6-2500mm (1/2-48),etc
Wall Thickness	1-150mm (SCH10-SCHXXS),etc
Length	1-12m, etc
The special sizes can be customized as per the client's requirements.	
Shape	rectangular,square,hexagonal,round,oval,etc
Surface Finish	black painted,PE painted,galvanized,color coated,anodized,anti-rust varnished,anti-rust oiled,etc

Material	GB 10,20,35,45,Q295,Q345,16MnDG, 10MnDG,09DG,09Mn2VDG,06Ni3MoDG, 20G,20MnG,25MnG,15MoG,20MoG, 12CrMoG,15CrMoG,12Cr2MoG, 12Cr1MoVG,12Cr2MoWVTiB, 12Cr3MoVSiTIB,1Cr9Mo1VNb,16Mn, 15MnV,10MoWVNb,40Mn2,45Mn2, 27SiMn,40MnB,45MnB,20Mn2B,20Cr, 30Cr,35Cr,40Cr,45Cr,50Cr,38CrSi,12Cr Mo, 15CrMo,20CrMo,35CrMo,42CrMo,12CrMoV, 12Cr1MoV,38CrMoAl,50CrVA,20CrMn, 20CrMnSi,30CrMnSi,20CrMnTi,30CrMnTi, 12CrNi2,12CrNi3,12CrNi4,40CrNiMoA, 45CrNiMoVA,1Cr5Mo,12Cr2Mo,etc	DIN EN St37,St37-2,St37-3U,St37-3N., RSt-2,USt37-2,St35,St45, TTSt35N,TTSt35V,26CrMo4, 11MnNi5-3,13MnNi6-3,10Ni14, 12Ni19,X8Ni9,St35.8,St45.8, 19Mn5,17Mn4,15Mo3,13CrMo44, 10CrMo9-10,14MoV63, X20CrMoV12,25CrMo4, 13CrMo4-4,10CrMo9-10, 12CrMo9-10,12CrMo12-10, 12CrMo19-5,X12CrMo9-1, 20CrMoV13-5, X20CrMoV12-1, etc
	ASTM ASTM A209/A209M (T1,T1A,T1B), ASTM A213 (T2,T5,T5b,T5c,T9,T11,T12,T17,T21,T22,T91,T92.), ASTM A335/A335M (P1,P2,P5,P5b,P5c,P9,P11,P12,P15,P21,P22,P23,P91,P92,P122,P911), ASTM A199 T11,T22,T9, ASTM A200 T5,T9,T11,T22, ASTM A106 A/B/C, ASTM A500 A/B/C/D, ASTM A53 A/B, ASTM A179, ASTM A192, ASTM A178 C, ASTM A210 A1/C,etc	
	JIS STBA12/13/20/22/23/24/25/26,STB340/410/510,STS370/410/480, STPG370/410,STBL380/450/690,STPT370/410/480,STPL380/450/690,etc	

## Product Photos





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