



ZHEHENG STEEL

Wenzhou Zheheng Steel Industry Co.,Ltd
stainless-steelseamlesspipe.com

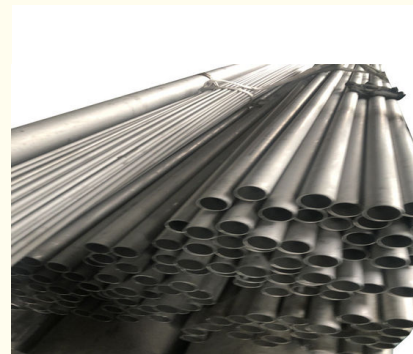
SS S31254 Stainless Steel Seamless Steel Pipe Tube 2 Inch SCH10S

Our Product Introduction

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Basic Information

- Place of Origin: Wenzhou,China
- Brand Name: Zheheng
- Certification: ISO9001
- Model Number: S31254
- Minimum Order Quantity: MOQ500kg
- Packaging Details: Seaworthy Standard Package
- Delivery Time: 7-15 working days after receiving payment
- Payment Terms: L/C, D/P, T/T, Western Union
- Supply Ability: 5000 Ton/Tons per Month



Product Specification

- NPS: 1/8"-24"
- Wall Thickness: SCH10S, SCH40, SCH XS, SCH 60, SCH80S, SCH12020, SCH1160, SCH
- Delivery Time: 15-21 Days
- Application: Valves And Gears
- Section Shape: Round
- Finished: Annealing Pickling, Bright Annealing
- Price Term: FOB CIF CFR EXW Etc.
- Grade: 254SMO
- Payment: 30% TT Advance + 70% Balance
- Highlight: **Stainless Steel Seamless Steel Pipe,
S31254 Seamless Steel Pipe Tube,
SCH10S Stainless Steel Pipe 2 inch**



Product Description

Introduction

S31254, also 254SMO is a super Austenitic Stainless Steel. It is designed with a combination of impact toughness resistance to chloride stress corrosion cracking, and pitting and crevice corrosion with strength that is twice that of the stainless steel 300 series.

A large number of field experiments and extensive use experience show that even at slightly higher temperatures, S31254 stainless steel pipe also has a high resistance to crevice corrosion in seawater, and only a few types of stainless steel have this performance. The corrosion resistance of S31254 stainless steel tubes in acidic and oxidizing halide solutions such as those required for paper bleaching production can be combined with the corrosion resistance of nickel-based alloys in titanium alloys.

The S31254 stainless steel tube has a high nitrogen content, so its mechanical strength is higher than other types of austenitic stainless steel. In addition, it has high ductility and impact strength and good weldability.

The high molybdenum content of S31254 stainless steel pipe enables it to have a high oxidation rate during annealing, resulting in a rougher surface than ordinary stainless steel after pickling. However, this has no adverse effect on the corrosion resistance of the steel

Chemical composition

Grade	UNS	C≤	Mn	P≤	S≤	Si≤	Cr	Mo	Ni
254SMO	S31254	0.02	1	0.03	0.01	0.8	19.5-20.5	6.0-6.5	17.5-18.5

Mechanical Properties

Mechanical properties	Tensile, min, ksi[MPa]	Yield, min, ksi[MPa]	Elongation, %(min)	Hardness, HB(max)
S31254	98 675	43 310	35	220

Physical properties

Properties	Metric	Imperial
Density	8 g/cm ³	0.289 lb/in ³

Application

Pumps
Valves
Chokes
Pipework, flanges & manifolds
Oil & Gas industry components

Corrosion Resistance

S30815 has exceptional corrosion resistance, making it a popular choice for applications that require exposure to harsh environments. It has excellent pitting and crevice corrosion resistance, making it an ideal choice for seawater, chlorides, and other aggressive environments. It is also highly resistant to sulfuric acid and other acids, making it suitable for chemical processing

Why choose us

- 1.Size control
- 2.Chemical composition control
- 3.hydraulic testing machine
- 4.ultrasonic testing of steel tube

Package detail



Shipping



1. Packing type: Carton and wooden case, also be packaged according to customer requirements.
2. Modes of transportation: by sea, by air or land transportation, of course, a small amount can also be by Express.



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