



ZHEHENG STEEL

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

## 33.4\*4.05 Stainless Steel Pipe EN1.4401 With Off-Shore Technology

### Our Product Introduction

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#### Basic Information

- Place of Origin: Wenzhou,China
- Brand Name: Zheheng
- Certification: ISO9001
- Model Number: EN1.4401
- Minimum Order Quantity: 1 Ton
- Packaging Details: In wooded cases or pallets,or as for clients requirement
- Delivery Time: 7-15 working days after receiving payment
- Payment Terms: L/C, D/A, D/P, Western Union
- Supply Ability: 5000 Ton/Tons per Month



#### Product Specification

- Keywords: Stainless Steel Welded Tube
- Usage: Industry/Construction
- Tolerance:  $\pm 1\%$
- Technique: Cold Rolled Or Hot Rolled
- Price Term: CIF CFR FOB EX-WORK
- Port: Ningbo
- Highlight: **33.4\*4.05 Stainless Steel Pipe,  
EN1.4401Stainless Steel Pipe,  
Seamless Stainless steel welded tube**



## Product Description

### Overview

1.4401 stainless steel tube is an austenitic stainless steel material. Due to the addition of Mo element, 1.4401 stainless steel has greatly improved its corrosion resistance and high temperature strength. The high temperature resistance can reach 1200-1300 degrees, and it can be used under harsh conditions. The main uses of stainless steel 1.4401 are heat exchangers for pulp and paper-making equipment, dyeing equipment, film washing equipment, pipelines, and exterior materials for buildings in coastal areas. It is also used in the field of solenoid valves, mainly for housings, clamps, spheres, valve bodies, valve seats, nuts, valve stems, etc.

### Application

Construction encasemnt, doors, windows and armatures, off-shore technology, cisterns and tubes for chemical tankers, production, warehousing and overland transport of chemicals, food and beverages. Due to the Mo-content, good resistance against media containing chlorides and non-oxidising acids. The resistance to intergranular corrosion is guaranteed for larger product thicknesses in the welded condition.

### Chemical composition

C	Si	Mn	P	S	Cr	Mo	Ni	N
0.07	1.00	2.00	0.045	0.015	16.5-18.5	2.00-2.5	10.0-13.0	0.11

### Physical Property

Density	8.0g/cm³
Melting point	1400°C
Thermal Expansion	15.9 x10 <sup>-6</sup> /K
Modulus of Elasticity	193GPa
Thermal Conductivity	16.3W/m.K
Electrical Resistivity	0.74 x10 <sup>-6</sup> Ω .m

### Features

- 1) The appearance of cold rolled products has good gloss;
- 2) Due to the addition of Mo (2~3%), corrosion resistance, especially pitting corrosion resistance is excellent
- 3) Excellent high temperature strength
- 4) Excellent work hardening (weak magnetic properties after processing)
- 5) Non-magnetic in solid solution state
- 6) Good welding performance.

### Welded tube advantage

1. Uniform wall thickness - the base material is formed strip, with good wall thickness consistency and high surface finish, reaching industrial clean surface level 2B.
2. Low residual stress - the steel pipe after forming uses a high temperature above 1040 degrees for bright annealing of the stainless steel pipe to eliminate stress.
3. High weld strength - welding adopts fusion welding, the material composition is unchanged, after high temperature heat treatment, the weld and the base material have the same intergranular structure, flattening the weld, reverse bending, flaring and other damage experiments, the weld will not appear cracking or cracks, burring and other problems. In addition to eddy current testing and water pressure or gas test to ensure the quality of the pipe.
4. Good consistency - the outer diameter, wall thickness, length and straightness of the pipe are consistent, and the processing accuracy is high

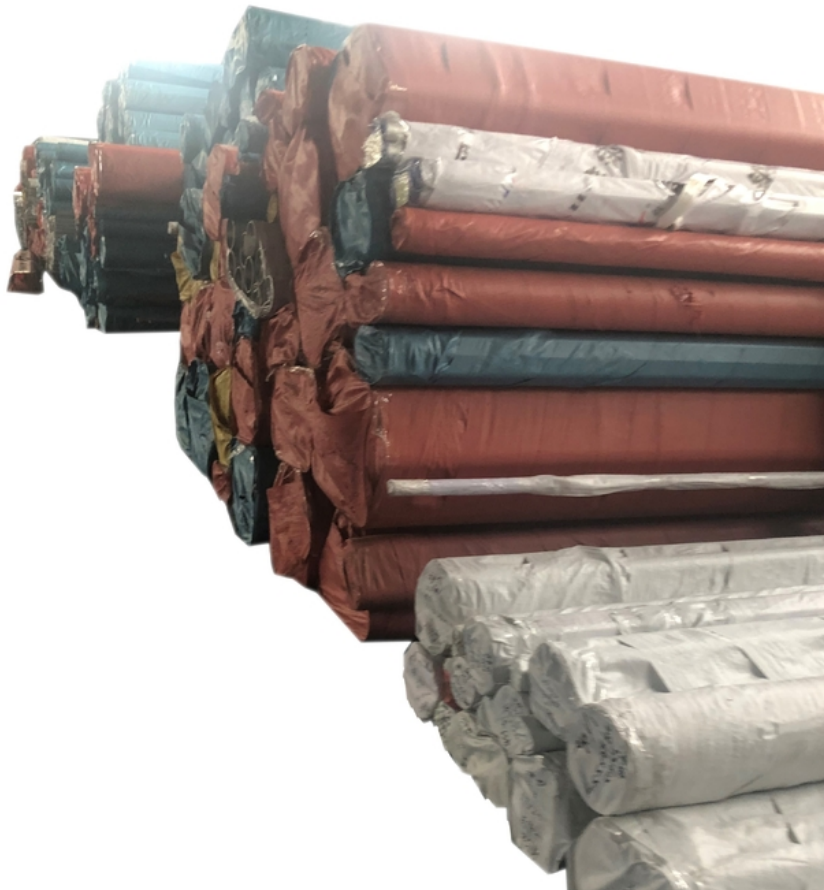
### Stainless Steel Welded Tube Product Description

Material	304, 304L, 316, 316L, 201, 202, 430, 409
Standard:	ASTM A554, JIS G3446, EN 10297
Outside Diameter	1/8"-24"
Thickness:	SCH5S-SCH160
Length:	10mm ~ 7.5 meter or any custom made
MOQ:	10 to 1000pcs or more quantity
Technixal flow	Coil → Inspecting → Slitting → Welding → Cutting → Buffing → Inspecting → Packing → Trucking
Surface	Hairline polished mirror

## Packaging &Shipping

Packing Idea	Packing Method by Customer Request
1	Each piece per poly bag or labeling.
2	Each piece per paper tube.
3	Pack tubes into paper cartons for customer special requirement.
4	50 pieces per bundle with waterproof packing
5	Provide strong packing with wooden crate, wooden case, steel crate, plastic pallet, wooden pallet, paper pallet as customer need.
6	Good experience for loading goods into container for customer request

## Detail image



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