



ZHEHENG STEEL

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



DIN1.4550 Stainless Steel Seamless Pipe SCH40 Oxidation Resistant

Our Product Introduction

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Basic Information

- Place of Origin: Wenzhou, China
- Brand Name: Zheheng
- Certification: ISO certificate
- Model Number: 1.4550
- 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

- Available Diameter: 1/8"-24"
- Wall Thickness: SCH10S, SCH40, SCH XS, SCH 60, SCH80S, SCH12020, SCH1160, SCH
- Delivery Time: 15-21 Days, according To The Quantity.
- Section Shape: Round
- Technique: Cold Rolled
- Price Term: FOB CIF CFR EXW Etc.
- Surface: Polishing, annealing, bright Annealing And Acid Pickling
- End Protection: Plastic Caps
- Loading Port: Ningbo
- Standard: BS, JIS, GB, DIN, ASTM, API, ASTM
- Highlight: **DIN1.4550 Stainless Seamless Pipe, Oxidation Resistant Stainless Steel Seamless Pipe, SCH40 Stainless Steel Pipe**

Product Description

Specification

Type 1.4550 stainless steel is an austenitic grade of chromium steel, which contains columbium as a stabilizing element. Tantalum can also be added for achieving stabilization. This eliminates the carbide precipitation, as well as intergranular corrosion in steel pipes. Type 1.4550 stainless steel pipes offer higher creep and stress rupture properties. This makes them suitable for exposures to sensitization and intergranular corrosion. Moreover, the inclusion of columbium allows 1.4550 pipes to have excellent corrosion resistance.

1.4550 Stainless Steel Pipe Applications

Widely used in the areas such as Sanitary, food industry, Decoration, construction, upholstery, industry instrument

Mechanical Properties

Grade	Tensile Strength KSI (MPA)	Tensile Strength KSI (MPA)	Elongation (% in 2" (50.8 mm))	Hardness (Brinell) MAX	Hardness (Rockwell B) MAX
1.4550	75	30	40	201	95

Chemical composition

Grade	C	Cr	Mn	Ni	P	S	Si	Cb/Ta
1.4550	0.08	17.0-20.0	2.0	9.0-13.0	0.04	0.30	0.75	10xC-1.0

Advantages

1. Corrosion Resistance: One of the key advantages of 1.4550 Stainless Steel Pipes is their exceptional corrosion resistance.
2. High-Temperature Applications: DIN 1.4550 pipes exhibit excellent resistance to high temperatures, making them suitable for applications in industries that involve extreme heat conditions.
3. Chemical Processing Industry: They are used to transport various chemicals, acids, and solvents, ensuring the integrity of the fluid transfer systems.
4. Petrochemical Industry: These pipes can withstand the corrosive nature of petroleum-based compounds and maintain the integrity of the pipelines, ensuring efficient operation.

Why choose us

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

Package detail



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