



ZHEHENG STEEL

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

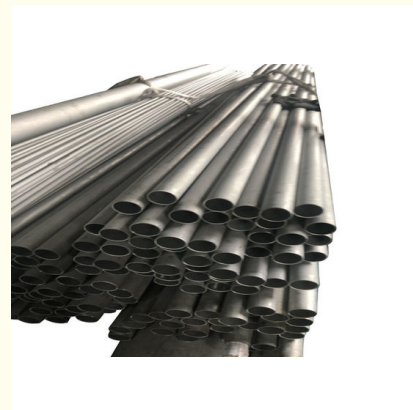
AISI 202 Stainless Steel Pipe Large Diameter 250mm With Automobile Industry

Our Product Introduction

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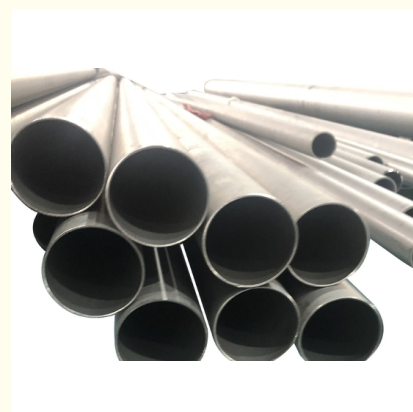
Basic Information

- Place of Origin: Wenzhou, China
- Brand Name: Zheheng
- Certification: ISO9001
- Model Number: 202
- 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, etc.
- Welding Line Type: ERW
- WT: SCH5S-XXS
- SIZE: Size Can Customized
- Highlight: AISI 202 Stainless Steel Pipe,
250mm Stainless Steel Pipe,
Seamless Pipe With Automobile Industry



Product Description

Overview

SS 202 is an austenitic chromium-nickel-manganese alloy with improved properties compared to 201 stainless steel. It has higher strength, higher corrosion resistance, better formability, greater toughness, and greater weldability than 201 sheets of steel.

Grade 202 stainless steel is also a type of Cr-Ni-Mn stainless with similar properties to A240/SUS 302 stainless steel. The toughness of grade 202 at low temperatures is excellent. It is one of the most widely used precipitation hardening grades, and possesses good corrosion resistance, toughness, high hardness, and strength.

Chemical composition

Element	Content (%)
Fe	68
Cr	17- 19
Mn	7.50-10
Ni	4-6
Si	≤ 1
N	≤ 0.25
C	≤ 0.15
P	≤ 0.060
S	≤ 0.030

Mechanical Properties

Properties	Metric	Imperial
Tensile strength	515 MPa	74694 psi
Yield strength	275 MPa	39900 psi
Elastic modulus	207 GPa	30000 ksi
Poisson's ratio	0.27-0.30	0.27-0.30
Elongation at break	40%	40%

202 pipe field of use

Civil to military fields, civilian architectural decoration. Household appliances, kitchen equipment and utensils, transportation, environmental protection, municipal construction; Military aviation, aerospace, nuclear industry, ships; Industrial fields of chemical, fertilizer, petroleum, textile, printing, paper, energy.

202 Stainless Steel Properties

Grade 202 has excellent mechanical properties due to its high strength and ductility. It has a tensile strength of 515 MPa (min) and a yield strength of 205 MPa (min). The elongation rate is 40% (min). Additionally, it has great corrosion resistance due to its high chromium and nickel content. It also offers superior formability as well as excellent weldability and machinability.

Corrosion Resistant

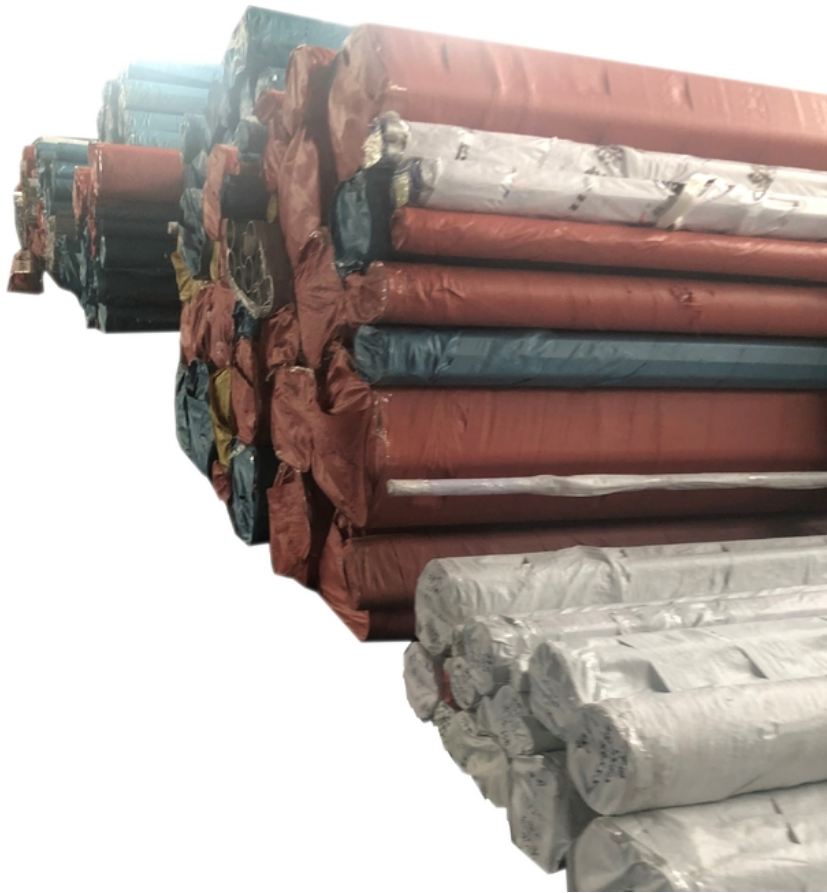
UNS S20200 stainless steel is a cost-effective alternative to the more expensive 300 series stainless steel. This steel has excellent corrosion resistance, making it an ideal choice for various applications in different industries such as cookware, automotive, construction, and architecture. AISI 202 stainless steel is rust-resistant due to its composition, which includes nickel and nitrogen additions, enhancing its corrosion resistance. The steel is easy to clean and maintain, making it popular in applications where hygiene is a priority. Its high-temperature strength and low thermal expansion coefficient make it a suitable material for high-temperature environments. Due to its excellent material properties, AISI 202 ss is an ideal choice for various industrial applications.

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

Product package



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☎ 15858820108

✉ sales@zhehengsteel.com

🌐 stainless-steelseamlesspipe.com

No999 .wenzhou airport wenzhou city,zhejiang china