



ZHEHENG STEEL

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



Seamless Welded Duplex Steel Pipe 65mm 70mm 75mm 100mm ASTM A240 UNS S32750

Our Product Introduction

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Basic Information

- Place of Origin: Wenzhou,China
- Brand Name: Zheheng
- Certification: ISO9001
- Model Number: duplex pipe
- Minimum Order Quantity: MOQ500kg
- 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/P, T/T, Western Union
- Supply Ability: 1000 Ton/Tons per Month



Product Specification

- Common Name: 2507
- Thickness: SCH5S-SCH160 Or As Required
- Size: 1/4" - 60"
- OD: 6-2000mm
- Section Shape: Round
- Surface Finish: Polishing, Hair Line, Pickling
- Price Terms: FOB,CIF,CFR,EXW
- Length: 1000-12000mm
- Usage: Industry
- Technique: Cold Drawn Or Hot Rolled
- Highlight: **Seamless Duplex Steel Pipe,
65mm Duplex Steel Welded Pipe,
ASTM A240 Duplex Steel Welded Pipe**



Product Description

Super Duplex 2507 Characteristic

Super duplex 2507 pipes are a type of duplex stainless steel pipe. These pipes are made from an alloy that contains both austenitic and ferritic stainless steels, giving them exceptional strength, resistance to corrosion, and high durability. Super duplex 2507 pipes are particularly well-suited for use in harsh and corrosive environments, making them a popular choice for offshore drilling, petrochemical, and chemical processing applications. Super duplex 2507 pipes contain approximately 25% chromium, 7% nickel, and 4% molybdenum. This combination of metals produces a unique microstructure that provides outstanding corrosion resistance.

Influence of elements on steel properties

1. The addition of molybdenum increases the pipe's strength and resistance to pitting and crevice corrosion.
2. While nickel enhances the pipe's ductility and toughness. The high levels of chromium provide excellent resistance to oxidizing agents and corrosion caused by chlorides, making super duplex 2507 pipes an attractive option for use in saltwater and acidic environments.

Advantages

1. 2507 have a pipe exceptional strength. These pipes are designed to withstand high levels of pressure and stress, making them ideal for use in offshore drilling and chemical processing applications.
2. 2507 pipes have a high level of resistance to fatigue, making them suitable for use in applications that require repetitive cycling or high levels of stress.
3. It has a outstanding resistance to corrosion. The high levels of chromium, molybdenum, and nickel give these pipes excellent resistance to both general and localized corrosion, including pitting and crevice corrosion. This makes super duplex 2507 pipes an ideal choice for use in harsh and corrosive environments that can quickly deteriorate standard pipes.
4. It has a highly versatile and can be easily customized to meet specific application needs. They are available in a wide range of sizes, grades, and thicknesses, which can be configured according to the needs of a particular project.

Usage

1. heat exchangers.
2. oil and gas industry equipment
3. offshore platforms.
4. chemical process industries, vessels, and piping.
5. Mechanical and structural components, high strength, corrosion-resistant parts.

Chemical Composition

S32750	Content
C	0.03max
Mn	1.2max
P	0.035max
S	0.015max
Si	0.8max
Cr	24.0-26.0
Ni	6.0-8.0
Mo	3.0-5.0
N	0.24-0.35
Cu	0.5max

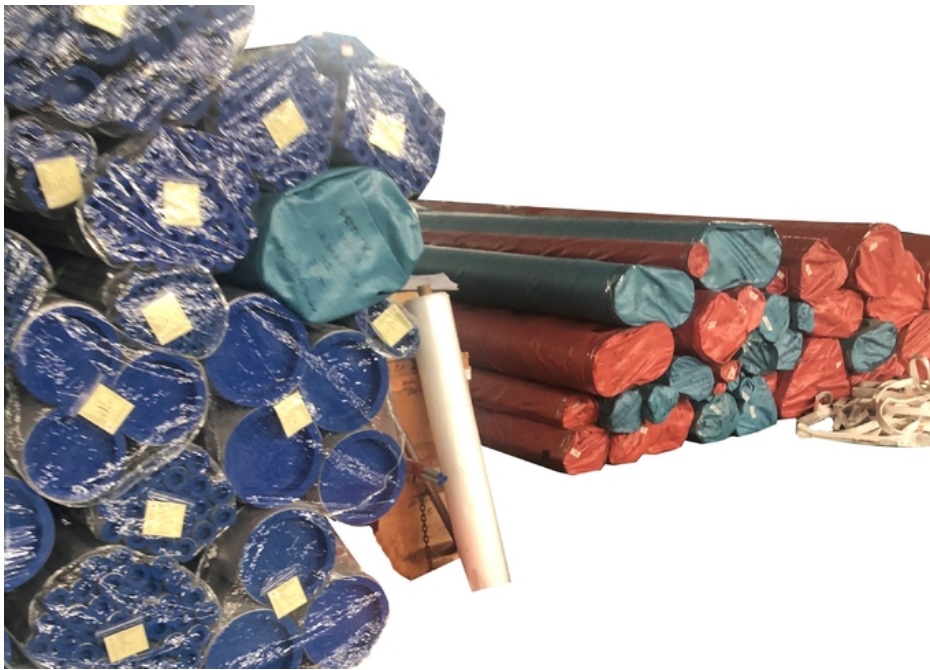
Product Testing

Coating Thk Test
Geometry inspection
Ultrasonic Inspection
Nondestructive Testing
Hydrostatic Testing

Package Process

1. with plastic cap to protect both ends
2. weaving bag wrapped outside the pipe
3. then pack into wooden case.

Image



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