



ZHEHENG STEEL

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



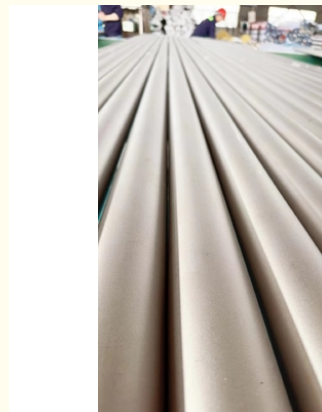
ASTM/ASME A53/SA53 Gr.B/A Seamless And Welded Standard Carbon Steel Pipe

Our Product Introduction

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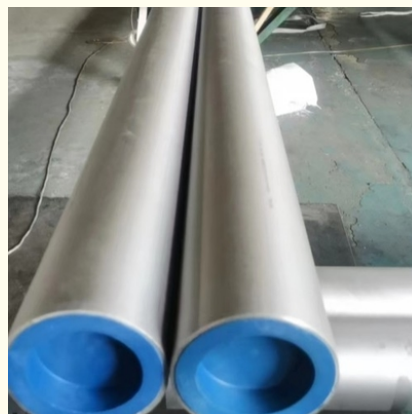
Basic Information

- Place of Origin: Wenzhou, China
- Brand Name: Zheheng
- Certification: ISO9001
- Model Number: A53 B/A
- 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

- WT: SCH5-XXS
- Size: 1/8"-24"
- Surface Finish: Polishing, Hair Line, Pickling
- Price Terms: FOB, CIF, CFR, EXW
- Application: Industry
- Keywords: Carbon Steel Pipe
- Highlight: **SA53 Gr.B Carbon Steel Pipe,
ASME A53 Carbon Steel Pipe,
Polishing Seamless Carbon Steel Tube**



Product Description

ASTM/ASME A53/SA53 Gr.B/A Seamless And Welded Standard Carbon Steel Pipe Characteristic

ASTM A53 is the standard specification for the carbon steel pipe in seamless, welded, and zinc-coated galvanized pipes.

Use

Transmission: Oil and gas pipeline systems, water treatment, mineral slurry

Construction and Structure: Buildings, underground water drilling, boiler water transmission

Machine Parts: Machining to spare parts

Power station: Wind Turbines, Anti-Static tube

Chemical Composition

| Seamless and ERW | C max % | Mn max % | P max % | S max % |
|------------------|---------|----------|---------|---------|
| Grade A | 0.25 | 0.95 | 0.05 | 0.045 |
| Grade B | 0.3 | 1.2 | 0.05 | 0.045 |

Mechanical Properties – Tensile Requirements

| Seamless and ERW | Grade A | Grade B |
|----------------------------|---------|---------|
| Tensile Strength, min, psi | 48,000 | 60,000 |
| Yield Strength | 30,000 | 35,000 |

Physical Properties

| Density at 20 °C kg/dm ³ | Modulus of elasticity kN/mm ² at | | | | Thermal conductivity at 20 °C W/m K | Spec. thermal capacity at 20 °C J/kg K | Spec. electrical resistivity at 20 °C Ω mm ² /m |
|--|---|---------------|---------------|---------------|--|---|---|
| 7.85 | 20 °C 210 | 300 °C 192 | 400 °C 184 | 450 °C 179 | 51 | 461 | 0.2 |

Hot Forming And Heat Treatment

| Hot forming | | Heat treatment | | |
|----------------|-----------------|----------------|----------------------------|-----------------|
| Temperature °C | Type of cooling | Normalizing 1) | Stress-relieving anneal 2) | Type of cooling |
| 1100 – 950 | Air | 890 – 950 °C | 600 – 650 °C | Air |

Image



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