

Austenitic Stainless Steel 304 Pipe

Austenitic stainless steel 304 pipes are characterized by their non-magnetic properties and high plasticity. These pipes offer excellent corrosion resistance and are suitable for various industrial applications.



ADDITIONAL IMAGES



Product Overview

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This high-quality austenitic stainless steel pipe is designed for durability and performance in demanding industrial environments. Characterized by excellent corrosion resistance, high plasticity, and ductility, it is suitable for a wide range of applications including oil, gas, chemical processing, and water supply systems. The material is non-magnetic and offers optimal general performance, ensuring reliability for critical infrastructure projects.

Material Properties

Key Features

Non-magnetic • High plasticity • High ductility • Corrosion resistant

Composition

18% Cr, 8-10% Ni, 0.1% C

Technical Specifications

Available Grades

- 304/L/H/LN
- 316/L/H/LN/Ti/LMod
- 310S/H
- 317/L
- 321/H
- 347H/HFG

Standards & Compliance

Standard	Description
ASTM A312	Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes
ASTM A790	Seamless and Welded Ferritic/Austenitic Stainless Steel Pipe
ASME SA213	Seamless Ferrite and Austenitic Alloy Steel Pipe
ASME SA249	Welded Austenitic Steel Boiler/Heat-Exchanger Tubes
GB/T14976-2002	Stainless steel seamless tubes for fluid transport

Pipe Types	Seamless, ERW (Longitudinally welded)
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End Connections	Bare end, Beveled, Thread, Flange
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Applications

Industries Served

- Oil and gas
- LNG
- Energy
- Papermaking
- Petrochemical
- Chemical
- Water supply and drainage
- Nuclear power
- Electric generation