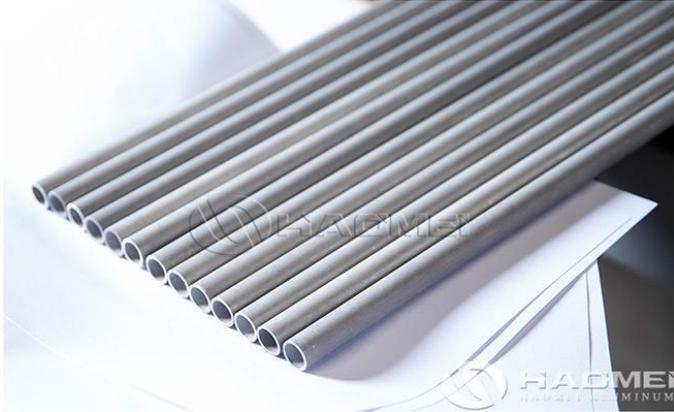


## 310S Stainless Steel Seamless Pipe



310S stainless steel seamless pipe is a high-alloy austenitic stainless steel pipe known for its excellent oxidation resistance and high-temperature strength. With high chromium and nickel content, 310S performs well in elevated temperature environments and is widely used in furnace components, heat treatment equipment, radiant tubes, and high-temperature industrial piping systems. The low carbon content of 310S improves weldability and reduces the risk of sensitization.

### Specifications of 310S Stainless Steel Seamless Pipe:

Product Name	310S Stainless Steel Seamless Pipe
Grade	310S
Standards	ASTM A312, ASTM A213, ASTM A269, ASME SA312, EN 10216-5
Outer Diameter	6 mm – 630 mm
Wall Thickness	0.5 mm – 40 mm
Length	5.8m, 6m, random length, or custom length
Manufacturing Process	Cold drawn, cold rolled, hot finished
Surface Finish	Annealed, pickled, bright annealed, polished
Pipe Ends	Plain end, beveled end, threaded end

Type	Seamless pipe / seamless tube
Tolerance	According to ASTM, ASME, EN, or customer requirements

**Chemical Composition of 310S Stainless Steel Seamless Pipe:**

Grade	C	Si	Mn	P	S	Cr	Ni
310S	≤0.08	≤1.50	≤2.00	≤0.045	≤0.030	24.0–26.0	19.0–22.0

**Mechanical Properties of 310S Stainless Steel Seamless Pipe:**

Grade	Tensile Strength	Yield Strength	Elongation	Hardness
310S	≥515 MPa	≥205 MPa	≥35%	≤95 HRB

**Standards of 310S Stainless Steel Seamless Pipe:**

310S stainless steel seamless pipe can be supplied according to the following standards:

- ASTM A312
- ASTM A213
- ASTM A269
- ASME SA312
- EN 10216-5
- DIN / JIS / GB standards upon request

**Inspection & Testing of 310S Stainless Steel Seamless Pipe:**


- Visual inspection
- Dimensional inspection
- Chemical composition analysis
- Mechanical property test
- Hydrostatic test
- Flattening test
- Flaring test

- Ultrasonic test or eddy current test
- PMI (Positive Material Identification)
- Surface quality inspection

**Applications of 310S Stainless Steel Seamless Pipe:**

310S stainless steel seamless pipe is widely used in high-temperature and oxidation-resistant applications.

Typical applications include:



- Furnace tubes
- Heat treatment equipment
- Radiant tubes
- Boiler components
- Kiln linings
- Petrochemical processing
- High-temperature exhaust systems
- Thermal processing equipment

**Package of 310S Stainless Steel Seamless Pipe:**

310S stainless steel seamless pipe is usually packed in bundles, plywood cases, wooden cases, or seaworthy export packing to ensure safe transportation and storage. Both ends can be protected with plastic caps, and the pipes may be wrapped with plastic film, woven bags, or waterproof materials if required. Customized packing is also available according to customer requirements.