

## ASME SA 312 / ASME SA 213M Stainless Steel Seamless Pipes

ASME SA 312 / SA 312M covers seamless, welded, and heavily cold worked austenitic stainless steel pipes intended for high-temperature and general corrosive service. For your website, this page can focus on seamless stainless steel pipe supply under this standard.

ASME SA 312 stainless steel seamless pipes are widely used in chemical processing, marine systems, water treatment, food processing, pulp and paper, oil and gas, and industrial piping systems where corrosion resistance, pressure integrity, and reliable performance are required.

### Specification of ASME SA 312 / ASME SA 213M Stainless Steel Seamless Pipes:

Standard	ASME SA 312 / ASME SA 312M
Product Name	Stainless Steel Seamless Pipe
Product Type	Austenitic stainless steel seamless pipe
Material Type	Austenitic stainless steel
Common Grades	TP304, TP304L, TP316, TP316L, TP321, TP347, TP347H, TP310S
Manufacturing Process	Hot finished / Cold finished
NPS Range	1/8" – 24"
Outside Diameter	10.3 mm – 609.6 mm
Wall Thickness	SCH 5S to SCH XXS
Length	Random length, fixed length, or custom length
Form	Straight pipe
Delivery Condition	Solution annealed
Surface Finish	Annealed and pickled, bright annealed, polished if required
Ends	Plain end, beveled end
Marking	Standard, grade, size, schedule, heat number
Testing	Chemical analysis, tensile test, hardness test, hydrostatic test, nondestructive electric test
Inspection Documents	MTC, EN 10204 3.1 / 3.2 upon request

Application

Process piping, marine piping, chemical industry, water treatment, oil and gas

**Grades of ASME SA 312 / ASME SA 213M Stainless Steel Seamless Pipes:**

TP304 / TP304L

TP316 / TP316L

TP321

TP347 / TP347H

TP310S

TP904L (if supplied)

Duplex grades are usually under other standards, not SA 312

**Why Choose ASME SA 312 / ASME SA 213M Stainless Steel Seamless Pipes?**

Seamless pipe suitable for pressure service

Excellent corrosion resistance

Suitable for high-temperature and general corrosive environments

Wide size and schedule range available

Good weldability for austenitic grades

Full traceability and inspection documentation available

**Inspection & Tests of ASME SA 312 / ASME SA 213M Stainless Steel Seamless Pipes:**

Chemical analysis

Tensile property test

Hardness test

Hydrostatic test

Non-destructive electric test

PMI and ferrite test upon request

EN 10204 3.1 / 3.2 documentation available

**Application of ASME SA 312 / ASME SA 213M Stainless Steel Seamless Pipes:**

Process piping

Marine piping systems

Chemical and petrochemical plants

Water treatment systems

Food and beverage industry

Oil and gas piping

Heat exchanger piping

**Package of ASME SA 312 / ASME SA 213M Stainless Steel Seamless Pipes:**

These stainless steel seamless pipes and tubes are typically packed in seaworthy export packaging to ensure safe transportation and long-distance delivery.

Depending on the product size and customer requirements, the pipes or tubes are bundled with protective straps, packed in wooden cases, plywood cases, or hexagonal bundles, with both ends protected by plastic caps where applicable.

Each package is clearly labeled with grade, size, standard, heat number, and shipment details for full traceability. Waterproof wrapping, woven bags, and anti-rust protection can also be provided to ensure the materials arrive in good condition during ocean shipment and storage.