

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

ASME SA 213 / SA 213M covers seamless ferritic and austenitic alloy-steel boiler, superheater, and heat-exchanger tubes. For stainless steel tubing supply, the most common grades include TP304, TP304L, TP316, TP316L, TP321, TP347, and other heat- and corrosion-resistant grades.

These seamless tubes are widely used in boilers, condensers, heat exchangers, pressure vessels, power plants, petrochemical equipment, and other high-temperature or corrosive service conditions where reliable dimensional accuracy and material consistency are required.

### Specification of ASME SA213 / ASME SA213M Stainless Steel Seamless Pipes:

Item	Specification
Standard	ASME SA213 / ASME SA213M
Product Name	Stainless Steel Seamless Tubes
Product Type	Seamless boiler tubes, superheater tubes, heat exchanger tubes
Material Type	Austenitic stainless steel / Ferritic alloy steel
Common Stainless Steel Grades	TP304, TP304L, TP316, TP316L, TP321, TP347, TP347H, TP310S
Manufacturing Process	Cold drawn / Cold rolled / Hot finished
Outside Diameter	6.0 mm – 127.0 mm
Wall Thickness	0.5 mm – 12.0 mm
Length	Up to 18 meters or as required

Item	Specification
Form	Straight tubes
Delivery Condition	Solution annealed / Heat treated as per standard
Surface Finish	Annealed and pickled, bright annealed
Ends	Plain ends
Testing	Chemical analysis, tensile test, hardness test, flattening test, flaring test, hydrostatic or nondestructive electric test
Inspection Documents	MTC, EN 10204 3.1 / 3.2 upon request
Application	Boilers, superheaters, heat exchangers, condensers, pressure equipment

### **Why Choose ASME SA213 / ASME SA213M Stainless Steel Seamless Pipes?**

- Seamless structure for high pressure and temperature service
- Good corrosion resistance in industrial and chemical environments
- Suitable for boiler, superheater, and heat exchanger applications
- Available in a wide range of stainless steel grades
- Good dimensional tolerance and surface quality
- Mill test certificates and third-party inspection available

### **Grades of ASME SA213 / ASME SA213M Stainless Steel Seamless Pipes:**

- TP304 / TP304L
- TP316 / TP316L
- TP321
- TP347 / TP347H
- TP310S
- Other grades upon request

**Application of ASME SA213 / ASME SA213M Stainless Steel Seamless Pipes:**

Boiler systems  
Superheater systems  
Heat exchangers  
Condensers  
Petrochemical processing equipment  
Power generation equipment

**Inspection & Tests of ASME SA213 / ASME SA213M Stainless Steel Seamless Pipes:**

Chemical composition analysis  
Mechanical property testing  
Flattening test  
Flaring test  
Hardness test  
Hydrostatic test or non-destructive electric test  
PMI testing available upon request  
EN 10204 3.1 / 3.2 certificate available upon request

**Package of ASME SA213 / ASME SA213M 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.