

EN 10216-5:2021 Stainless Steel Seamless Pipes

EN 10216-5:2021 specifies technical delivery conditions for seamless stainless steel tubes for pressure purposes. It covers a wide range of austenitic and ferritic-austenitic stainless steel grades suitable for corrosive service, elevated temperature service, and pressure applications.

These seamless tubes are used in process piping, pressure equipment, marine systems, chemical plants, offshore installations, and heat transfer systems where European standard compliance and material reliability are important.

Specification of EN 10216-5:2021 Stainless Steel Seamless Pipes:

Item	Specification
Standard	EN 10216-5:2021
Product Name	Stainless Steel Seamless Pipes for Pressure Purposes
Product Type	Seamless stainless steel tubes
Material Type	Austenitic stainless steel / Ferritic-austenitic stainless steel
Common Grades	1.4301, 1.4307, 1.4401, 1.4404, 1.4541, 1.4571, 1.4462, 1.4410
Manufacturing Process	Hot finished / Cold finished
Outside Diameter	6.0 mm – 711.0 mm
Wall Thickness	0.5 mm – 50.0 mm
Length	Random length, fixed length, or custom length
Form	Straight tubes

Item	Specification
Delivery Condition	Solution annealed / As specified in EN 10216-5
Surface Finish	Pickled, annealed, polished if required
Ends	Plain ends, beveled ends if required
Testing	Chemical analysis, tensile test, flattening or expanding test, hydrostatic or nondestructive testing, dimensional inspection
Inspection Documents	EN 10204 3.1 / 3.2
Application	Pressure piping, chemical processing, marine systems, offshore installations, heat exchangers

Grades of EN 10216-5:2021 Stainless Steel Seamless Pipes:

Common grades may include:

- 1.4301 / 1.4307
- 1.4401 / 1.4404
- 1.4541
- 1.4571
- 1.4462
- 1.4410

(Actual supply range can be listed according to your production capability.)

Why Choose EN 10216-5:2021 Stainless Steel Seamless Pipes?

- European standard seamless stainless steel tubes
- Suitable for pressure applications
- Available in austenitic and duplex stainless steel grades
- Good corrosion resistance and mechanical properties
- Suitable for industrial, marine, and chemical service
- Full inspection and EN certificate support available

Inspection & Tests of EN 10216-5:2021 Stainless Steel Seamless Pipes:

- Chemical composition testing
- Tensile testing
- Flattening / expanding tests where applicable
- Hydrostatic or non-destructive testing
- Dimensional inspection
- Surface inspection
- PMI testing upon request
- EN 10204 3.1 / 3.2 certificate available

Application of EN 10216-5:2021 Stainless Steel Seamless Pipes:

- Pressure piping systems
- Chemical processing equipment
- Marine and offshore piping
- Heat exchangers
- Water treatment plants
- Energy and process industries

Package of EN 10216-5:2021 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.