



STAINLESS STEEL PIPES

Seamless 304L / 316L / 316Ti | Website Technical Data Sheet

PRODUCT SPECIFICATION

Product	Seamless Stainless Steel Pipe
Main Standards	ASTM / ASME A312 / A999; ASTM / ASME A376; EN 10216-5 / EN 10297-2 TC1
Grades	304L, 316L, 316Ti
Size Range	NPS 1/4 in. to NPS 8 in. (OD 13.72 mm to 219.08 mm in referenced stock table)
Schedules	SCH 5S, 10S, 40S, 80S, 120, 160 and XXS - availability varies by size
Length	Customized / cut-to-length supply available; final length to be specified at enquiry
End Preparation	To be specified at order according to project requirement
Typical Finish	For 304/304L reference material: solution-annealed and white-pickled, or bright-annealed

304 / 304L REFERENCE MATERIAL DATA

Standard / grade	Chemical composition - nominal / limits
ASTM TP304L / TP304	C <=0.030 Si 0.5 Mn 1.3 P <=0.030 S <=0.015 Cr 18.5 Ni 10

Mechanical property at 20 C	Alleima 3R12 reference
0.2% Proof Strength	>= 210 MPa
Tensile Strength	515 - 680 MPa
Elongation	>= 45%
Hardness	<= 90 HRB

TYPICAL APPLICATIONS

- Process and utility piping requiring corrosion resistance.
- Chemical, petrochemical, fertilizer, food, beverage and pharmaceutical service.
- Heat exchangers, condensers, pipelines, cooling and heating systems.