

Description

Nickel 200/201 are commercially pure, solid-solution-strengthened wrought alloys offering broad temperature stability and excellent corrosion resistance, particularly to hydroxides. Nickel 201 is a modification featuring controlled carbon (0.02% max) to prevent embrittlement from intergranular precipitates between 600°F and 1400°F. Industry standard practice combines both into a single, dual-certified chemistry that delivers the optimal characteristics of each grade in a single alloy.

Product Capabilities

Form Name	Size Range	Schedules	Specifications
Welded Pipe	1/2"-36"	10S, 40S, 80S	ASTM B725 / ASME SB725
Seamless Pipe	1/2"-36"	10S, 40S, 80S	ASTM B161 / ASME SB161
Buttweld Fittings	1/2"-36"	10S, 40S, 80S	ASTM B366 / ASME SB366
Flanges	1/2"-36"	150#, 300#	ASTM B564 / ASME SB564
Pressure Fittings	1/2"-2"	3000# THRD/SW	ASTM B564 / ASME SB564 ASTM B366 / ASME SB366

Limiting Chemical Composition %

Ni*a	Si	Cu	S	Fe	Mn	C
MIN 99.0	MAX 0.35	MAX 0.25	MAX 0.01	MAX 0.040	MAX 0.35	MAX 0.02

*a denotes - Plus Co

Typical Industrial Applications

- Food processing equipment
- Marine and offshore engineering
- Salt production
- Caustic handling equipment
- Cryogenics

Tensile Requirements

Tensile Strength ksi (min.)	Yield Strength ksi (min.)
55	15