



317L



Alloy 317L is a low-carbon, high molybdenum austenitic stainless steel with a higher nickel alloy content than 316L. Developed to resist the attack of sulfuric acid compounds, this alloy combines good corrosion resistance with excellent mechanical properties and ease of fabrication. These alloys are frequently used for flue gas desulfurization services in fossil fuel power plants. Compared to other austenitic

stainless steels, 317L offers a higher creep strength, stress to rupture, and tensile strength at elevated temperatures.

Call 1.888.282.3292 or visit our product page to request a quote on 317L

Element	Percent by Weight

Inventory sizes and specifications for 317L

Type	Thickness	Get a Quote
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Other industry standards we comply with:

Industry Applications for 317L

- Flue gas desulfurization systems found in

fossil fuel plants

- Chemical and Petrochemical Processing
- Food and Beverage Processing
- Power Generation “ condensers
- Pulp and Paper Processing
- Textiles with acid dyes

Features

- Good corrosion resistance
- Good mechanical properties
- Ease of fabrication
- Produces stronger welds due to lower carbon content
- Resists the attack of sulfuric acid compounds

Physical Properties

Mechanical Properties