

## Standard Stainless Steel Overview

Grade	Material	Corrosion Resistance	Description
303	Stainless Steel Bar Stock	High	Typically used in automatic machining operations.
304	Stainless Steel Tubing	Good	Most widely used stainless steel with good formability and can be readily welded.
304L	Stainless Steel Tubing	Good	Offers better weldability than standard 304 Stainless Steel.
316	Stainless Steel Tubing	Better	Offers higher strength at higher temperature than 304 Stainless Steel. Often used for pumps, valves, marine applications, and chemical equipment.
316L	Stainless Steel Tubing	Better	Offers better weldability than standard 316 Stainless Steel.
321	Stainless Steel Tubing	Good	Most similar to 304 Stainless Steel but with the addition of Titanium making it an excellent choice for prolonged, high temperature applications.
347	Stainless Steel Tubing	High	High resistance to prolonged heat and corrosion applications. This is well suited for power generation and engine applications.
430	Stainless Steel Tubing	Good	Combines good corrosion and heat resistance with good mechanical properties. Oxidation resistant to 1500 deg F and is used in many industrial and consumer products.
Other Grades	Call for Availability of Other Stainless Steel Tubing Alloys		