STAINLESS STEEL TUBE & PIPE SPECIFICATIONS

Spec. No.	Title	Type	Scope
ASTM A213	Ferritic and Austenitic Alloy Steel Boiler, Superheater, Heat Exchanger and Condenser Tubes	S	Pressure tubes, made from a variety of austenitic (300 series) and ferritic steel (400 series)
ASTM A269	Austenitic Stainless Steel Tubing for General Service	S	A variety of grades of austenitic stainless steel (300 series) tubing for general corrosion resisting and high-temperature service.
ASTM A450	General Requirements for Carbon Ferritic and Austenitic Alloy	S	Common requirements for ASTM tubular product specifications
ASTM B163	Nickel and Nickel Alloy Condenser and Heat Exchanger Tubes	S	A variety of grades and tempers (alloy 200, 400, 600, 800, and 825)
ASTM B165	Nickel-Copper Alloy Pipe and Tube	S	Alloy 400 in various conditions
AMS 5556	Steel Tubing, Corrosion and Heat Resistant Hydraulic	S	Annealed type 347 hydraulic tubing
AMS 5557	Steel Tubing, Corrosion and Heat Resistant Hydraulic	S	Annealed type 321 hydraulic tubing
AMS 5560	Steel Tubing, Corrosion Resistant	S	Annealed type 304 aircraft hydraulic tubing not subject to high pressure
AMS 5566	Steel Tubing, Corrosion Resistant	S	Cold drawn type 304, high pressure, aircraft hydraulic tubing, 1/8 hard
AMS 5567	Steel Tubing, Corrosion Resistant	S	Type 304 annealed, fluid lines subject to medium high pressures requiring corrosion resistance
AMS 5570	Steel Tubing, Corrosion and Heat Resistant	S	Annealed type 321 both corrosion and heat resistance especially when such pats are welded during fabrication. Oxidation resistance up to 1500F, but useful at that temperature only when stresses are low.
MIL-T-6845	Tubing, Steel, Corrosion Resistant Aerospace Vehicle Hydraulic System (1/8 Hard)	S	Type 304 1/8 hard intended for use in high pressure hydraulic and pneumatic systems in which corrosion resistant materials are required. The tubing is not suitable for use in applications assembled by welding or brazing exposed to temperatures higher than 800F, because of impaired resistance to corrosion.
MIL-T-8504	Tubing, Steel, Corrosion and Resistant, Aircraft Hydraulic System	S	Annealed type 304 intended for use in high pressure hydraulic systems in which corrosion resistant materials are required.
AMS 8506	Tubing, Steel, Corrosion Resistant	S	Annealed type 304 intended for use in the fabrication of aircraft parts requiring a high degree of resistance to corrosion. Not to be used in high pressure hydraulic control systems.
AMS 8606	Tubing, Steel, Corrosion Resistant	S	Annealed type 304L, 321, 347 intended for use in applications which require a high degree of resistance to corrosion to temperatures of below 1500F, or in applications which involve welding. Suitable for use in tank-automotive hydraulic and mechanical properties.
MIL-T-8808	Tubing, Steel, Corrosion Resistant (18-8 Stabilized) Aircraft Hydraulic Quality, Annealed, Seamless, Welded and Drawn	S	Annealed type 347 and 321 intended for use in high pressure hydraulic and pneumatic systems where corrosion and heat resistance are required and in which welding or brazing may be involved during fabrication. Resists oxidation at temperatures to 1200F, but is useful at that temperature only when stresses are low.