

High Pressure Tubing

Pressures to 65,000 psi

MAXPRO offers a line of cold drawn thick wall tubing, with flow areas to compliment the high pressure valves and fittings. This tubing is made under strict manufacturing and quality control standards and inspections, with dimensional tolerances to match the requirements of the high pressure coned and threaded connections.

The standard materials are 304 and 316 stainless steels. Other materials may be provided on special request, depending on the specific material, diameters and lengths.

MAXPRO also offers this tubing with the “Autofrettage” process. Autofrettage is the practice of subjecting the internal bore of the tubing to a pressure sufficiently high enough to plastically deform the bore, resulting in a residual compressive stress once the pressure is released. Autofrettage produces improved fatigue life of the tube, important in waterjet cutting and other production environments, reducing down time.

Add suffix -AF to tubing catalog number to specify Autofrettage process.



Tubing Tolerances

Normal Tubing Size (in.)	Tolerance O.D. (in.)
1/4	0.248 / 0.243
3/8	0.370 / 0.365
9/16	0.557 / 0.552
1	0.995/0.990

Catalog Number	Tube Material	Fits Connection Type	Tube Size (in.)		Working Pressure (psi)				
			O.D.	I.D.	-325 to 100°F	200°F	400°F	600°F	800°F
65TU4H-316	316SS	4HF	1/4	0.083	65,000	58,500	53,950	49,400	46,800
65TU4H-304	304SS								
65TU6H-316	316SS	6HF	3/8	0.125	65,000	58,500	53,950	49,400	46,800
65TU6H-304	304SS								
65TU9H-316	316SS	9HF	9/16	0.188	65,000	58,500	53,950	49,400	46,800
65TU9H-304	304SS								
43TU16M-316	316SS	16MF	1	0.438	43,000	38,700	35,830	32,480	31,050

All dimensions are for reference only and are subject to change.