

Medium Pressure Tubing

» Pressures to 22,500 psi (1,550 bar)

Medium Pressure Tubing

Maximator offers a line of cold drawn thick wall tubing, with flow areas to compliment the large orifice medium 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 medium pressure coned and threaded connections.

The standard material is 1.4404 (SST 316L). Other materials may be provided on special request, depending on the specific material, diameters and lengths.



Tubing Tolerances

Normal Tubing Size in. (mm)	Tolerance O.D in. (mm)
1/4 (6.35)	0.248 / 0.243 (6.299 / 6.172)
3/8 (9.53)	0.370 / 0.365 (9.398 / 9.271)
9/16 (14.29)	0.557 / 0.552 (14.147 / 14.021)
3/4 (19.05)	0.745 / 0.740 (18.923 / 18.796)
1 (25.4)	0.995 / 0.990 (25.273 / 25.174)

Catalog Number	Tube Material	Fits Connection Type	Tube Size in. (mm)		Working Pressure psi (bar)				
			O.D.	I.D.	-325°F to 100°F (-198°C to 37°C)	200°F (93°C)	400°F (204°C)	600°F (315°C)	800°F (426°C)
21TU4M-316	1.4404 SST 316L	4MF	1/4	0.109 (2.77)	22,500 (1,550)	18,900 (1,300)	17,430 (1,200)	15,960 (1,100)	15,120 (1,040)
21TU6M-316		6MF	3/8	0.203 (5.17)	22,500 (1,550)	18,900 (1,300)	17,430 (1,200)	15,960 (1,100)	15,120 (1,040)
21TU9M-316		9MF	9/16	0.312 (7.93)	22,500 (1,550)	18,900 (1,300)	17,430 (1,200)	15,960 (1,100)	15,120 (1,040)
15TU9M-316		9MF	9/16	0.359 (9.12)	15,200 (1,050)	13,680 (940)	12,616 (870)	11,552 (790)	10,944 (750)
21TU12M-316		12M	3/4	0.438 (11.13)	22,500 (1,550)	18,900 (1,300)	17,430 (1,200)	15,960 (1,100)	15,120 (1,040)
15TU12M-316				0.516 (13.11)	15,200 (1,050)	13,680 (940)	12,616 (870)	11,552 (790)	10,944 (750)
21TU16M-316		16MF	1	0.562 (14.27)	22,500 (1,550)	18,900 (1,300)	17,430 (1,200)	15,960 (1,100)	15,120 (1,040)
15TU16M-316				0.688 (17.48)	15,200 (1,050)	13,680 (940)	12,616 (870)	11,552 (790)	10,944 (750)

All dimensions for reference only and are subject of change

All technical and dimensional information subject to change. All general Terms and Conditions of sale, including limitations of our liability, apply to all products and services sold.

Coned and Threaded Nipples

» Pressures to 22,500 psi (1,550 bar)

Coned and threaded nipples

Maximator offers a line of coned and threaded medium pressure tube nipples in a variety of lengths for all standard tube sizes. The coned and threaded medium pressure tube nipples are available in 1.4404 (SST 316L).

They are also available in the 15,200 psi (1,050 bar) or 22,500 psi (1,550 bar) versions for the 9/16", 3/4" and 1" OD tube sizes. See chart below for ordering information.

Special length coned and threaded nipples are available upon request. Consult Maximator for availability and price



Catalog Numbers are 1.4404 (SST 316L) material							Fits Con- nection Type	Tube Size in. (mm)		Working Pressure at 100°F psi (bar)
2.75" (69.85) Length	3" (76.2) Length	4" (101.6) Length	6" (152.4) Length	8" (203.2) Length	10" (254) Length	12" (304.8) Length		O.D.	I.D.	
21N4M-2.75-316	21N4M-3-316	21N4M-4-316	21N4M-6-316	21N4M-8-316	21N4M-10-316	21N4M-12-316	4MF	1/4	0.109 (2.77)	22,500 (1,550)
	21N6M-3-316	21N6M-4-316	21N6M-6-316	21N6M-8-316	21N6M-10-316	21N6M-12-316	6MF	3/8	0.203 (5.17)	22,500 (1,550)
		21N9M-4-316	21N9M-6-316	21N9M-8-316	21N9M-10-316	21N9M-12-316	9MF	9/16	0.312 (7.93)	22,500 (1,550)
		15N9M-4-316	15N9M-6-316	15N9M-8-316	15N9M-10-316	15N9M-12-316	9MF	9/16	0.359 (9.12)	15,200 (1,050)
			21N12M-6-316	21N12M-8-316	21N12M-10-316	21N12M-12-316	12MF	3/4	0.438 (11.13)	22,500 (1,550)
			15N12M-6-316	15N12M-8-316	15N12M-10-316	15N12M-12-316	12MF	3/4	0.516 (13.11)	15,200 (1,050)
			21N16M-6-316	21N16M-8-316	21N16M-10-316	21N16M-12-316	16MF	1	0.562 (14.27)	22,500 (1,550)
			15N16M-6-316	15N16M-8-316	15N16M-10-316	15N16M-12-316	16MF	1	0.688 (17.48)	15,200 (1,050)

Standard nipples are not supplied with glands and collars.

For further available options and more detailed information please refer to our VFT catalogue.

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