

# MAXIMATOR®

## Medium Pressure Tubing

Pressures to 21,000 psi (1,500 bar)

MAXIMATOR offers a line of cold drawn thick wall tubing, with flow areas to complement 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 materials are 304 and 316 stainless steels. 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 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	316SS	4MF	1/4	0.109	21,000	18,900	17,430	15,960	15,120
21TU4M-304	304SS			(2.77)	(1,500)	(1,300)	(1,200)	(1,100)	(1,040)
21TU6M-316	316SS	6MF	3/8	0.203	21,000	18,900	17,430	15,960	15,120
21TU6M-304	304SS			(5.17)	(1,500)	(1,300)	(1,200)	(1,100)	(1,040)
21TU9M-316	316SS	9MF	9/16	0.312	21,000	18,900	17,430	15,960	15,120
21TU9M-304	304SS			(7.93)	(1,500)	(1,300)	(1,200)	(1,100)	(1,040)
15TU9M-316	316SS	9MF	9/16	0.359	15,200	13,680	12,616	11,552	10,944
15TU9M-304	304SS			(9.12)	(1,050)	(940)	(870)	(790)	(750)
21TU12M-316	316SS	12MF	3/4	0.438	21,000	18,900	17,430	15,960	15,120
15TU12M-316	316SS			(11.13)	(1,500)	(1,300)	(1,200)	(1,100)	(1,040)
	316SS	16MF	1	0.516	15,200	13,680	12,616	11,552	10,944
21TU16M-316	316SS			(13.11)	(1,050)	(940)	(870)	(790)	(750)
	316SS	16MF	1	0.562	21,000	18,900	17,430	15,960	15,120
15TU16M-316	316SS			(14.27)	(1,500)	(1,300)	(1,200)	(1,100)	(1,040)
	316SS	16MF	1	0.688	15,200	13,680	12,616	11,552	10,944
	316SS			(17.48)	(1,050)	(940)	(870)	(790)	(750)

All dimensions are for reference only and subject to 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.

Medium Pressure  
to 21,000 psi (1,500 bar)

High Pressure  
to 65,000 psi (4,500 bar)

Ultra High Pressure  
to 152,000 psi (10,500 bar)

Valve Actuators

Ball Valves  
to 21,000 psi (1,500 bar)

Adapters and  
Couplings

Accessories

Tools and  
Installation

Technical  
Information

# MAXIMATOR®

## Coned and Threaded Nipples

Pressures to 21,000 psi (1,500 bar)



**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 316 stainless steel.

They are also available in the 15,200 psi (**1,050 bar**) or 21,000 psi (**1,500 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 316 Stainless Steel material							Fits Connection 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)	21,000 (1,500)
	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)	21,000 (1,500)
		21N9M-4-316	21N9M-6-316	21N9M-8-316	21N9M-10-316	21N9M-12-316	9MF	9/16	0.312 (7.93)	21,000 (1,500)
		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)	21,000 (1,500)
			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)	21,000 (1,500)
			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, see Fittings on page 4 for these components.

See adjacent Tubing page 6, for pressure/temperature rating chart.

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Adapters and Couplings

Accessories

Tools and Installation

Technical Information

Medium Pressure: to 21,000 psi (1,500 bar)

High Pressure: to 65,000 psi (4,500 bar)

Ultra High Pressure: to 152,000 psi (10,500 bar)

Valve Actuators

Ball Valves: to 21,000 psi (1,500 bar)