

# Tubing and Coned and Threaded Nipples

» Pressures to 43,000 psi (2,965 bar)

## High Pressure Tubing

Maximator offers a line of cold drawn thick wall tubing, with flow areas to compliment the 43,000 psi high pressure valves and fittings series. 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.

## Tubing Tolerances

Normal Tubing Size in. (mm)	Tolerance O.D in. (mm)
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)
43TU16M-316	316SS	16MF	1 (25.4)	0.438 (11.1)	43,000 (2,965)	38,700 (2,670)	35,830 (2,470)	32,480 (2,240)	31,050 (2,140)

All dimensions for reference only and are subject of change.

## Coned and threaded nipples

Maximator offers a line of coned and threaded high pressure tube nipples in a variety of lengths for all standard tube sizes.

The coned and threaded high pressure tube nipples are available in 316 stainless steel. 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)
Length in. (mm)					O.D.	I.D.	
6" (152.4)	8" (203.2)	10" (254)	12" (304.8)	16MF	1 (25.4)	0.438 (11.1)	43,000 (2,965)
43N16M-6-316	43N16M-8-316	43N16M-10-316	43N16M-12-316				

Standard nipples are not supplied with glands and collars, see Fittings on page 6 for these components. See adjacent Tubing information, for pressure/temperature rating chart.

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.

Products for Sour Gas Applications  
Pipe Valves & Fittings  
to 15,200 psi (1,050 bar)

Adapters and Couplings  
Medium Pressure  
to 22,500 psi (1,550 bar)

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

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

Technical Information  
Valve Actuators

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

# High Pressure Tubing

» Pressures to 65,000 psi (4,500 bar)

## High Pressure Tubing

Maximator 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.

## 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)



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)
65TU4H-316	316SS	4HF	1/4 (6.35)	0.083 (2.11)	65,000 (4,500)	58,500 (4,050)	53,950 (3,750)	49,400 (3,400)	46,800 (3,250)
65TU4H-304	304SS								
65TU6H-316	316SS	6HF	3/8 (9.53)	0.125 (3.18)	65,000 (4,500)	58,500 (4,050)	53,950 (3,750)	49,400 (3,400)	46,800 (3,250)
65TU6H-304	304SS								
65TU9H-316	316SS	9HF	9/16 (14.29)	0.188 (4.77)	65,000 (4,500)	58,500 (4,050)	53,950 (3,750)	49,400 (3,400)	46,800 (3,250)
65TU9H-304	304SS								

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