

MAXIMATOR®

Ultra High Pressure Tubing & Threaded Nipples

Pressures to 152,000 psi (10,500 bar)

MAXIMATOR offers a line of cold drawn thick wall tubing, with flow areas to compliment the ultra high pressure valve and fitting line. This tubing is made under strict manufacturing and quality control standards and inspections, with dimensional tolerances to match the requirements of the ultra high pressure coned and threaded connections. The standard material is 316 stainless steel.

Tubing Tolerances

Normal Tubing Size in. (mm)	Tolerance O.D. in. (mm)
$\frac{5}{16}$ (7.94)	0.310 / 0.306 (7.874 / 7.72)

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)
152TU5U-316	316SS	5UF	$\frac{5}{16}$ (7.94)	0.062 (1.58)	152,000 (10,500)	136,800 (9,500)	126,160 (8,700)	115,520 (8,000)	109,44 (7,600)
152TU5U-HP160	HP160	5UF	$\frac{5}{16}$ (7.94)	0.062 (1.58)	152,000 (10,500)	124,000 (8,600)	108,800 (7,560)	99,800 (6,930)	92,200 (6,400)

All dimensions are for reference only and subject to change.

Coned and Threaded Nipples

MAXIMATOR offers a line of coned and threaded ultra high pressure tube nipples in a variety of lengths.

The coned and threaded ultra 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)
4" (101.6) Length	6" (152.4) Length	8" (203.2) Length	10" (254) Length	12" (304.8) Length		O.D.	I.D.	
152N5U-4-316	152N5U-6-316	152N5U-8-316	152N5U-10-316	152N5U-12-316	5UF	$\frac{5}{16}$ (7.94)	0.062 (1.58)	152,000 (10,500)

Standard nipples are not supplied with glands and collars, see Fittings on page 3 for these components.

See the above chart for Pressure/Temperature Rating.

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)

Adapters and
Couplings

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

Accessories

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

Tools and
Installation

Valve Actuators

Technical
Information

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