

20,000 PSI TUBING AND NIPPLES



GPP offers Austenetic, cold drawn, 316, stainless steel tubing in a variety of sizes. Available in 20 foot lengths, our tubing is designed to provide the same performance standards as our valves and fittings. GPP's tubing is manufactured for applications requiring both strength and corrosion resistance.

Inspection and Testing

GPP's tubing is inspected to assure freedom from all detectable seams, laps and other flaws and fissures, as well as intergranular carbide precipitation or corrosion. Sample pieces are lot tested to confirm mechanical properties. Hydrostatic testing is also performed on a statistical basis at the working pressure of the tube. Additionally, our tubing also receives wall inspection and testing by OD Eddy Current per ISO 9304:1989 (E) Acceptance Level 2.

Special Materials

In addition to the type 316 stainless steel tubing, GPP also offers our tubing in 304 stainless steel upon request.

316 TUBE SIZES (INCHES)				
Catalog Number	Nominal OD	MAWP* (psi)	OD Tolerance	ID Tolerance
16050043	1/4"	20,000	0.248/0.243	0.104/0.109
16050058	3/8"	20,000	0.370/0.365	0.198/0.203
16050112	9/16"	20,000	0.557/0.552	0.307/0.312
16050142	3/4"	20,000	0.745/0.740	0.432/0.437
16050160	1"	20,000	0.995/0.990	0.557/0.562

*MAWP = Maximum Allowable Working Pressure @ RT (72° F/22° C)

	NOMINAL TUBING OD	PART NUMBERS BY NIPPLE LENGTH - INCHES (mm)						
		2.75 (69.85)	3.00 (76.20)	4.00 (101.60)	6.00 (152.40)	8.00 (203.20)	10.00 (254.00)	12.00 (304.80)
NIPPLE	1/4 (6.35)	NPL-20K4-275	NPL-20K4-300	NPL-20K4-400	NPL-20K4-600	NPL-20K4-800	NPL-20K4-1000	NPL-20K4-1200
	3/8 (9.53)		NPL-20K6-300	NPL-20K6-400	NPL-20K6-600	NPL-20K6-800	NPL-20K6-1000	NPL-20K6-1200
	9/16 (14.29)			NPL-20K9-400	NPL-20K9-600	NPL-20K9-800	NPL-20K9-1000	NPL-20K9-1200
	3/4 (19.05)			NPL-20K12-400	NPL-20K12-600	NPL-20K12-800	NPL-20K12-1000	NPL-20K12-1200
	1 (25.4)				NPL-20K16-600	NPL-20K16-800	NPL-20K16-1000	NPL-20K16-1200

*Dimensions are subject to change and are considered reference.

40,000 - 66,000 PSI TUBING 66,000 PSI NIPPLES



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Inspection and Testing

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Special Materials

In addition to the type 316 stainless steel tubing, GPP also offers our tubing in 304 stainless steel upon request.

316 TUBE SIZES (INCHES)				
Catalog Number	Nominal OD	MAWP* (psi)	OD Tolerance	ID Tolerance
16050178	9/16"	40,000	0.557/0.552	0.245/0.250
16050190	1"	43,000	0.995/0.990	0.432/0.438
16050205	1/4"	66,000	0.248/0.243	0.079/0.083
16050217	3/8"	66,000	0.370/0.365	0.121/0.125
16050229	9/16"	66,000	0.557/0.552	0.182/0.187
16050244	3/4"	66,000	0.745/0.740	0.245/0.250

*MAWP = Maximum Allowable Working Pressure @ RT (72° F/22° C)

	NOMINAL TUBING OD	PART NUMBERS BY NIPPLE LENGTH - INCHES (mm)						
		2.75 (69.85)	3.00 (76.20)	4.00 (101.60)	6.00 (152.40)	8.00 (203.20)	10.00 (254.00)	12.00 (304.80)
NIPPLE	1/4 (6.35)	NPL-66K4-275	NPL-66K4-300	NPL-66K4-400	NPL-66K4-600	NPL-66K4-800	NPL-66K4-1000	NPL-66K4-1200
	3/8 (9.53)		NPL-66K6-300	NPL-66K6-400	NPL-66K6-600	NPL-66K6-800	NPL-66K6-1000	NPL-66K6-1200
	9/16 (14.29)			NPL-66K9-400	NPL-66K9-600	NPL-66K9-800	NPL-66K9-1000	NPL-66K9-1200
	3/4 (19.05)			NPL-66K12-400	NPL-66K12-600	NPL-66K12-800	NPL-66K12-1000	NPL-66K12-1200
	1 (25.4)				NPL-43K16-600	NPL-43K16-800	NPL-43K16-1000	NPL-43K16-1200

*Dimensions are subject to change and are considered reference.