

# PAC

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## HISTORY

PAC began business in Seattle, Washington in 1976. The Vancouver, BC warehouse began operations the following year. The companies have since grown to include distribution locations in Houston, Baton Rouge, Atlanta and Toronto with sales representation in Mexico, the Caribbean and throughout South America.

While stocking a wide variety of stainless steel fluid handling products, PAC specializes in O.D. and Metric O.D. in standard and special alloys and IPS size tubular products from 1/16" up to 10".

Since the beginning PAC continues to strive for complete customer satisfaction while providing quality products, service and competitive prices to the industrial markets of the U.S.A., Canada, Mexico, South America and the world.

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# Stainless Steel Tubing

SEAMLESS: ASTM A-269, A-213, ASME SA-213, AVG. WALL  
 WELDED: ASTM A-269, A-249, ASME SA-249, AVG. WALL

SIZE	WALL	I.D.	GRADE	CODE	Wt/Ft	SIZE	WALL	I.D.	GRADE	CODE	Wt/Ft		
<b>1/16" O.D.</b> (.0625")	.010	.043	316/L	S-BA	.0050	<b>1/4" O.D.</b> (.250")	<i>Continued</i> .049	.152	304/L	W-BA	.1052		
	.016	.031	304/L	S-BA	.0080			.049	.152	304/L	S-AP	.1052	
	.016	.031	316/L	S-BA	.0080			.049	.152	304/L	S-BA	.1052	
	.020	.023	304/L	S-BA	.0091			.049	.152	316/L	W-BA	.1052	
	.020	.023	316/L	S-BA	.0091			.049	.152	316/L	S-AP	.1052	
<b>1/8" O.D.</b> (.125")	.010	.105	304/L	S-BA	.0110			.049	.152	316/L	S-BA	.1052	
	.010	.105	316/L	S-BA	.0110			.049	.152	317/L	S-AP	.1052	
	.016	.093	304/L	S-BA	.0186			.049	.152	MONEL	S-BA	.1052	
	.020	.085	304/L	S-BA	.0220			.065	.120	304/L	W-BA	.1284	
	.020	.085	316/L	S-BA	.0220			.065	.120	304/L	S-AP	.1284	
	.028	.069	304/L	S-BA	.0290			.065	.120	304/L	S-BA	.1284	
	.028	.069	316/L	S-BA	.0290			.065	.120	316/L	W-BA	.1284	
	.035	.055	304/L	W-BA	.0330			.065	.120	316/L	S-BA	.1284	
	.035	.055	304/L	S-BA	.0330			.065	.120	316/L	S-CC	.1284	
	.035	.055	316/L	W-BA	.0330			.065	.120	317/L	S-AP	.1284	
	.035	.055	316/L	S-BA	.0330			.083	.084	304/L	S-AP	.1480	
	.035	.055	316/L	S-BA	.0330			.083	.084	316/L	S-BA	.1480	
	.035	.055	317/L	S-BA	.0330			.095	.060	304/L	S-AP	.1570	
	.035	.055	MONEL	S-BA	.0330	.095	.060	316/L	S-AP	.1570			
	.049	.027	316/L	S-BA	.0400	<b>5/16" O.D.</b> (.3125")	.020	.272	304/L	S-AP	.0620		
<b>3/16" O.D.</b> (.1875")	.010	.168	304/L	S-BA	.0190			.020	.272	316/L	S-AP	.0620	
	.016	.156	304/L	S-BA	.0294			.028	.257	304/L	S-AP	.0852	
	.020	.148	304/L	S-BA	.0350			.028	.257	316/L	S-AP	.0852	
	.020	.148	316/L	S-BA	.0350			.035	.243	304/L	W-BA	.1037	
	.028	.132	304/L	W-BA	.0478			.035	.243	304/L	S-AP	.1037	
	.028	.132	304/L	S-BA	.0478			.035	.243	304/L	S-BA	.1037	
	.028	.132	316/L	S-BA	.0478			.035	.243	316/L	W-BA	.1037	
	.035	.118	304/L	W-BA	.0570			.035	.243	316/L	S-AP	.1037	
	.035	.118	304/L	S-BA	.0570			.035	.243	316/L	S-BA	.1037	
	.035	.118	316/L	S-BA	.0570			.049	.215	304/L	S-AP	.1441	
	.049	.090	316/L	S-AP	.0727			.049	.215	304/L	S-BA	.1441	
	<b>1/4" O.D.</b> (.250")	.010	.230	304/L	S-AP			.0256	.049	.215	316/L	S-AP	.1441
		.010	.230	316/L	S-AP			.0256	.065	.183	304/L	S-AP	.1720
		.016	.218	304/L	S-AP			.0400	.065	.183	316/L	S-AP	.1720
		.016	.218	316/L	S-AP	.0400	.083	.147	316/L	S-BA	.2030		
.020		.210	304/L	S-AP	.0491	.095	.123	316/L	S-BA	.2210			
.020		.210	316/L	S-BA	.0491	<b>3/8" O.D.</b> (.375")	.020	.335	304/L	S-AP	.0758		
.028		.194	304/L	W-BA	.0698			.020	.335	316/L	S-AP	.0758	
.028		.194	304/L	S-BA	.0698			.028	.319	304/L	S-AP	.1030	
.028		.194	304/L	S-BA	.0698			.028	.319	316/L	S-AP	.1030	
.028		.194	316/L	S-BA	.0698			.035	.305	304/L	W-BA	.1271	
.028		.194	316/L	S-CC	.0698			.035	.305	304/L	S-AP	.1271	
.035		.180	304/L	W-BA	.0804			.035	.305	304/L	S-BA	.1271	
.035		.180	304/L	S-AP	.0804			.035	.305	316/L	W-BA	.1271	
.035		.180	304/L	S-BA	.0804			.035	.305	316/L	S-BA	.1271	
.035		.180	304/L	S-CC	.0804			.035	.305	316/L	S-CC	.1271	
.035	.180	304/L	S-SID	.0804	.035			.305	316/L	S-SID	.1271		
.035	.180	316/L	W-BA	.0804	.035			.305	316/L	S-SID	.1271		
.035	.180	316/L	S-BA	.0804	.035			.305	317/L	S-AP	.1271		
.035	.180	316/L	S-CC	.0804	.035			.305	MONEL	S-BA	.1271		
.035	.180	316/L	S-SID	.0804	.049			.277	304/L	W-BA	.1706		
.035	.180	317/L	S-AP	.0804	.049	.277	304/L	S-AP	.1706				
.035	.180	6MO	S-AP	.0804	.049	.277	304/L	S-BA	.1706				
.035	.180	MONEL	S-BA	.0804	.049	.277	316/L	W-BA	.1706				
					.049	.277	316/L	S-AP	.1706				

**TUBING CODE:** S = Seamless, W = Welded, AP = Annealed & Pickled, BA = Brite Annealed, CC = Cleaned/Capped, SID = Smooth ID

# Stainless Steel Tubing

SEAMLESS: ASTM A-269, A-213, ASME SA-213, AVG. WALL  
 WELDED: ASTM A-269, A-249, ASME SA-249, AVG. WALL

SIZE	WALL	I.D.	GRADE	CODE	Wt/Ft
<b>3/8" O.D.</b> <b>(.375")</b>	.049	.277	316/L	S-BA	.1706
	.049	.277	316/L	S-CC	.1706
	.049	.277	317/L	S-AP	.1706
	.049	.277	MONEL	S-BA	.1706
	.065	.245	304/L	W-BA	.2152
	.065	.245	304/L	S-AP	.2152
	.065	.245	304/L	S-BA	.2152
	.065	.245	316/L	W-BA	.2152
	.065	.245	316/L	S-AP	.2152
	.065	.245	316/L	S-BA	.2152
	.065	.245	317/L	S-AP	.2152
	.065	.245	MONEL	S-BA	.2152
	.083	.209	304/L	S-BA	.2588
	.083	.209	316/L	S-AP	.2588
	.083	.209	316/L	S-BA	.2588
	.083	.209	317/L	S-AP	.2588
	.095	.185	304/L	S-AP	.2841
	.095	.185	316/L	S-AP	.2841
	.095	.185	316/L	S-BA	.2841
	.120	.135	304/L	S-AP	.3260
	.120	.135	316/L	S-AP	.3260
<b>7/16" O.D.</b> <b>(.4375")</b>	.020	.398	316/L	S-BA	.0890
	.035	.367	316/L	S-BA	.1510
	.049	.339	304/L	W-BA	.2040
	.049	.339	304/L	S-BA	.2040
	.049	.339	316/L	S-BA	.2040
	.065	.307	316/L	S-BA	.2590
<b>1/2" O.D.</b> <b>(.500")</b>	.020	.460	304/L	S-AP	.1025
	.020	.460	316/L	S-AP	.1025
	.028	.444	304/L	S-AP	.1411
	.028	.444	316/L	S-AP	.1411
	.035	.430	304/L	W-BA	.1738
	.035	.430	304/L	S-AP	.1738
	.035	.430	304/L	S-BA	.1738
	.035	.430	316/L	W-BA	.1738
	.035	.430	316/L	S-AP	.1738
	.035	.430	316/L	S-BA	.1738
	.035	.430	316/L	S-CC	.1738
	.035	.430	317/L	S-AP	.1738
	.035	.430	MONEL	S-BA	.1738
	.049	.402	304/L	W-BA	.2360
	.049	.402	304/L	S-AP	.2360
	.049	.402	304/L	S-BA	.2360
	.049	.402	316/L	W-BA	.2360
	.049	.402	316/L	S-AP	.2360
	.049	.402	316/L	S-BA	.2360
	.049	.402	317/L	S-AP	.2360
	.049	.402	MONEL	S-BA	.2360
	.065	.370	304/L	W-BA	.3020
	.065	.370	304/L	S-AP	.3020
	.065	.370	304/L	S-BA	.3020
	.065	.370	316/L	W-BA	.3020
	.065	.370	316/L	S-AP	.3020
	.065	.370	316/L	S-BA	.3020

SIZE	WALL	I.D.	GRADE	CODE	Wt/Ft
<b>1/2" O.D.</b> <b>(.500")</b>	.065	.370	317/L	S-AP	.3020
	.065	.370	MONEL	S-BA	.3020
	.083	.334	304/L	S-AP	.3696
	.083	.334	304/L	S-BA	.3696
	.083	.334	316/L	S-AP	.3696
	.083	.334	316/L	S-BA	.3696
	.083	.334	317/L	S-AP	.3696
	.083	.334	6MO	S-AP	.3696
	.095	.310	304/L	S-AP	.4109
	.095	.310	304/L	S-BA	.4109
	.095	.310	316/L	S-AP	.4109
	.095	.310	316/L	S-BA	.4109
	.109	.282	304/L	S-BA	.4550
	.109	.282	316/L	S-BA	.4550
	.120	.260	304/L	S-AP	.4870
	.120	.260	304/L	S-BA	.4870
	.120	.260	316/L	S-AP	.4870
	.120	.260	316/L	S-BA	.4870
<b>9/16" O.D.</b> <b>(.5625")</b>	.035	.492	316/L	S-AP	.1970
	.065	.432	316/L	S-AP	.3460
<b>5/8" O.D.</b> <b>(.625")</b>	.028	.569	304/L	W-BA	.1780
	.028	.569	304/L	S-AP	.1780
	.035	.555	304/L	W-BA	.2205
	.035	.555	304/L	S-BA	.2205
	.035	.555	316/L	W-BA	.2205
	.035	.555	316/L	S-AP	.2205
	.035	.555	316/L	S-BA	.2205
	.049	.527	304/L	W-BA	.3014
	.049	.527	304/L	S-BA	.3014
	.049	.527	316/L	W-BA	.3014
	.049	.527	316/L	S-AP	.3014
	.049	.527	316/L	S-BA	.3014
	.049	.527	317/L	S-AP	.3014
	.065	.495	304/L	W-BA	.3888
	.065	.495	304/L	S-BA	.3888
	.065	.495	316/L	W-BA	.3888
	.065	.495	316/L	S-AP	.3888
	.065	.495	316/L	S-BA	.3888
	.065	.495	317/L	S-AP	.3888
	.083	.459	304/L	S-BA	.4805
	.083	.459	316/L	S-BA	.4805
	.095	.435	304/L	S-AP	.5377
	.095	.435	316/L	S-BA	.5377
	.120	.385	304/L	W-BA	.6472
	.120	.385	304/L	S-BA	.6472
	.120	.385	316/L	S-BA	.6472
<b>3/4" O.D.</b> <b>(.750")</b>	.028	.694	304/L	S-AP	.2150
	.035	.680	304/L	W-BA	.2673
	.035	.680	304/L	S-AP	.2673
	.035	.680	304/L	S-BA	.2673
	.035	.680	316/L	W-BA	.2673
	.035	.680	316/L	S-AP	.2673

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SIZE	WALL	I.D.	GRADE	CODE	Wt/Ft
<b>3/4" O.D. Continued</b> (.750")					
.035	.680	316/L	S-BA	.2673	
.049	.652	304/L	W-BA	.3668	
.049	.652	304/L	S-AP	.3668	
.049	.652	304/L	S-BA	.3668	
.049	.652	316/L	W-BA	.3668	
.049	.652	316/L	S-AP	.3668	
.049	.652	316/L	S-BA	.3668	
.049	.652	316/L	S-CC	.3668	
.065	.620	304/L	W-BA	.4755	
.065	.620	304/L	S-AP	.4755	
.065	.620	304/L	S-BA	.4755	
.065	.620	316/L	W-BA	.4755	
.065	.620	316/L	S-AP	.4755	
.065	.620	316/L	S-BA	.4755	
.065	.620	317/L	S-AP	.4755	
.065	.620	MONEL	S-BA	.4755	
.083	.584	304/L	W-BA	.5913	
.083	.584	304/L	S-AP	.5913	
.083	.584	304/L	S-BA	.5913	
.083	.584	316/L	W-BA	.5913	
.083	.584	316/L	S-AP	.5913	
.083	.584	316/L	S-BA	.5913	
.083	.584	317/L	S-AP	.5913	
.095	.560	304/L	S-AP	.6646	
.095	.560	304/L	S-BA	.6646	
.095	.560	316/L	S-AP	.6646	
.095	.560	316/L	S-BA	.6646	
.095	.560	317/L	S-AP	.6646	
.109	.532	304/L	S-AP	.7460	
.109	.532	304/L	S-BA	.7460	
.109	.532	316/L	S-AP	.7460	
.109	.532	316/L	S-BA	.7460	
.109	.532	317/L	S-AP	.7460	
.120	.510	304/L	S-AP	.8074	
.120	.510	304/L	S-BA	.8074	
.120	.510	316/L	S-AP	.8074	
.120	.510	316/L	S-BA	.8074	
.120	.510	317/L	S-AP	.8074	
.188	.374	304/L	S-AP	1.128	
.188	.374	316/L	S-AP	1.128	
.250	.250	304/L	S-AP	1.335	
.250	.250	316/L	S-AP	1.335	
<b>7/8" O.D.</b> (.875")					
.028	.819	304/L	S-AP	.2533	
.035	.805	304/L	W-BA	.3140	
.035	.805	304/L	S-AP	.3140	
.035	.805	304/L	S-BA	.3140	
.035	.805	316/L	S-AP	.3140	
.049	.777	304/L	W-BA	.4323	
.049	.777	304/L	S-AP	.4323	
.049	.777	304/L	S-BA	.4323	
.049	.777	316/L	S-AP	.4323	
.065	.745	304/L	W-BA	.5623	
.065	.745	304/L	S-AP	.5623	
.065	.745	304/L	S-BA	.5623	
.065	.745	316/L	W-BA	.5623	
.065	.745	316/L	S-BA	.5623	

SIZE	WALL	I.D.	GRADE	CODE	Wt/Ft
<b>7/8" O.D. Continued</b> (.875")					
.083	.709	304/L	S-AP	.7021	
.083	.709	304/L	S-BA	.7021	
.095	.685	304/L	S-AP	.7914	
.120	.635	304/L	S-AP	.9676	
.120	.635	304/L	S-BA	.9676	
.120	.635	316/L	S-AP	.9676	
<b>1" O.D.</b> (1.000")					
.035	.930	304/L	W-BA	.3607	
.035	.930	304/L	S-AP	.3607	
.035	.930	304/L	S-BA	.3607	
.035	.930	316/L	W-BA	.3607	
.035	.930	316/L	S-AP	.3607	
.035	.930	316/L	S-BA	.3607	
.049	.902	304/L	W-BA	.4977	
.049	.902	304/L	S-AP	.4977	
.049	.902	304/L	S-BA	.4977	
.049	.902	316/L	W-BA	.4977	
.049	.902	316/L	S-AP	.4977	
.049	.902	316/L	S-BA	.4977	
.065	.870	304/L	W-BA	.6491	
.065	.870	304/L	S-AP	.6491	
.065	.870	304/L	S-BA	.6491	
.065	.870	316/L	W-BA	.6491	
.065	.870	316/L	S-AP	.6491	
.065	.870	316/L	S-BA	.6491	
.065	.870	317/L	S-AP	.6491	
.083	.834	304/L	W-BA	.8129	
.083	.834	304/L	S-AP	.8129	
.083	.834	304/L	S-BA	.8129	
.083	.834	316/L	W-BA	.8129	
.083	.834	316/L	S-AP	.8129	
.083	.834	316/L	S-BA	.8129	
.083	.834	317/L	S-AP	.8129	
.095	.810	304/L	W-BA	.9182	
.095	.810	304/L	S-AP	.9182	
.095	.810	304/L	S-BA	.9182	
.095	.810	316/L	W-BA	.9182	
.095	.810	316/L	S-AP	.9182	
.095	.810	316/L	S-BA	.9182	
.095	.810	317/L	S-AP	.9182	
.109	.782	304/L	S-AP	1.037	
.109	.782	304/L	S-BA	1.037	
.109	.782	316/L	S-AP	1.037	
.109	.782	316/L	S-BA	1.037	
.120	.760	304/L	W-BA	1.128	
.120	.760	304/L	S-AP	1.128	
.120	.760	316/L	W-BA	1.128	
.120	.760	316/L	S-AP	1.128	
.120	.760	316/L	S-BA	1.128	
.134	.732	304/L	S-AP	1.239	
.134	.732	316/L	S-AP	1.239	
.156	.688	316/L	S-AP	1.406	
.188	.625	304/L	S-AP	1.630	
.188	.625	316/L	S-AP	1.630	
.250	.500	304/L	S-AP	2.033	
.250	.500	316/L	S-AP	2.033	

**TUBING CODE:** S = Seamless, W = Welded, AP = Annealed & Pickled, BA = Brite Annealed, CC = Cleaned/Capped, SID = Smooth ID

# Stainless Steel Tubing

SEAMLESS: ASTM A-269, A-213, ASME SA-213, AVG. WALL  
 WELDED: ASTM A-269, A-249, ASME SA-249, AVG. WALL

SIZE	WALL	I.D.	GRADE	CODE	Wt/Ft	SIZE	WALL	I.D.	GRADE	CODE	Wt/Ft
<b>1 1/8" O.D.</b> (1.125")	.035	1.055	316/L	S-AP	.4074	<b>1 1/2" O.D.</b> (1.500")	.065	1.370	316/L	S-BA	.9962
	.049	1.027	304/L	W-BA	.5630		.065	1.370	316/L	S-CC	.9962
	.049	1.027	304/L	S-AP	.5630		.083	1.334	304/L	S-AP	1.256
	.049	1.027	316/L	W-BA	.5630		.083	1.334	316/L	W-BA	1.256
	.049	1.027	316/L	S-AP	.5630		.083	1.334	316/L	S-AP	1.256
	.065	.995	304/L	W-BA	.7359		.095	1.310	304/L	S-AP	1.426
	.065	.995	304/L	S-AP	.7359		.095	1.310	316/L	S-AP	1.426
	.065	.995	316/L	W-BA	.7359		.109	1.282	304/L	S-AP	1.619
	.065	.995	316/L	S-AP	.7359		.109	1.282	316/L	S-AP	1.619
	.120	.885	316/L	S-AP	1.288		.120	1.260	304/L	W-BA	1.769
							.120	1.260	304/L	S-AP	1.769
					.120	1.260	316/L	W-BA	1.769		
					.120	1.260	316/L	S-AP	1.769		
<b>1 1/4" O.D.</b> (1.250")	.035	1.180	316/L	S-AP	.4540	.134	1.232	304/L	S-AP	1.955	
	.049	1.152	304/L	S-AP	.6280	.134	1.232	316/L	S-AP	1.955	
	.049	1.152	316/L	S-AP	.6280	.156	1.188	304/L	S-AP	2.239	
	.065	1.120	304/L	W-BA	.8226	.156	1.188	316/L	S-AP	2.239	
	.065	1.120	304/L	S-AP	.8226	.188	1.125	304/L	S-AP	2.634	
	.065	1.120	316/L	W-BA	.8226	.188	1.125	316/L	S-AP	2.634	
	.065	1.120	316/L	S-AP	.8226	.250	1.000	304/L	S-AP	3.338	
	.065	1.120	316/L	S-CC	.8226	.250	1.000	316/L	S-AP	3.338	
	.083	1.084	304/L	S-AP	1.034						
	.083	1.084	316/L	S-AP	1.034	<b>1 5/8" O.D.</b> (1.625")	.065	1.495	304/L	W-BA	1.083
	.095	1.060	304/L	S-AP	1.172		.065	1.495	304/L	S-AP	1.083
	.095	1.060	316/L	S-AP	1.172		.065	1.495	316/L	W-BA	1.083
	.109	1.032	304/L	S-AP	1.328		.065	1.495	316/L	S-AP	1.083
	.109	1.032	316/L	S-AP	1.328		.095	1.435	304/L	S-AP	1.552
	.120	1.010	304/L	W-BA	1.448		.095	1.435	316/L	S-AP	1.552
	.120	1.010	304/L	S-AP	1.448						
	.120	1.010	316/L	W-BA	1.448	<b>1 3/4" O.D.</b> (1.750")	.065	1.620	304/L	W-BA	1.170
	.120	1.010	316/L	S-AP	1.448		.065	1.620	304/L	S-AP	1.170
	.134	.982	304/L	S-AP	1.597		.065	1.620	316/L	W-BA	1.170
	.134	.982	316/L	S-AP	1.597		.065	1.620	316/L	S-AP	1.170
	.156	.938	304/L	S-AP	1.823		.120	1.510	304/L	W-BA	2.089
.156	.938	316/L	S-AP	1.823	.120		1.510	304/L	S-AP	2.089	
.188	.875	304/L	S-AP	2.132	.120	1.510	316/L	W-BA	2.089		
.188	.875	316/L	S-AP	2.132	.120	1.510	316/L	S-AP	2.089		
.250	.750	304/L	S-AP	2.670							
.250	.750	316/L	S-AP	2.670	<b>2" O.D.</b> (2.000")	.035	1.930	316/L	S-AP	.7345	
						.049	1.902	304/L	W-BA	1.021	
<b>1 3/8" O.D.</b> (1.375")	.049	1.277	304/L	W-BA		.6940	.049	1.902	304/L	S-AP	1.021
	.065	1.245	304/L	S-AP		.9090	.049	1.902	316/L	W-BA	1.021
	.065	1.245	316/L	W-BA		.9090	.065	1.870	304/L	W-BA	1.343
	.065	1.245	316/L	S-AP		.9090	.065	1.870	304/L	S-AP	1.343
<b>1 1/2" O.D.</b> (1.500")	.035	1.430	304/L	W-BA		.5470	.065	1.870	316/L	W-BA	1.343
	.035	1.430	304/L	S-BA		.5470	.065	1.870	316/L	S-AP	1.343
	.035	1.430	316/L	W-BA		.5470	.065	1.870	316/L	S-AP	1.343
	.035	1.430	316/L	S-AP		.5470	.065	1.870	316/L	S-BA	1.343
	.049	1.402	304/L	W-BA		.7593	.065	1.870	316/L	S-CC	1.343
	.049	1.402	304/L	S-AP	.7593	.083	1.834	304/L	W-BA	1.699	
	.049	1.402	316/L	W-BA	.7593	.083	1.834	304/L	S-AP	1.699	
	.049	1.402	316/L	S-AP	.7593	.083	1.834	316/L	W-BA	1.699	
	.065	1.370	304/L	W-BA	.9962	.083	1.834	316/L	S-AP	1.699	
	.065	1.370	304/L	S-AP	.9962	.095	1.810	304/L	W-BA	1.933	
	.065	1.370	316/L	W-BA	.9962	.095	1.810	304/L	S-AP	1.933	
	.065	1.370	316/L	S-AP	.9962	.095	1.810	316/L	S-AP	1.933	

**TUBING CODE:** S = Seamless, W = Welded, AP = Annealed & Pickled, BA = Brite Annealed, CC = Cleaned/Capped, SID = Smooth ID



SIZE	WALL	I.D.	GRADE	CODE	Wt/Ft
<b>2" O.D. Continued</b>					
<b>(2.000")</b>	.109	1.782	304/L	W-BA	2.201
	.109	1.782	304/L	S-AP	2.201
	.109	1.782	316/L	W-BA	2.201
	.109	1.782	316/L	S-AP	2.201
	.120	1.760	304/L	W-BA	2.409
	.120	1.760	304/L	S-AP	2.409
	.120	1.760	316/L	W-BA	2.409
	.120	1.760	316/L	S-AP	2.409
	.134	1.732	304/L	S-AP	2.671
	.134	1.732	316/L	S-AP	2.671
	.140	1.720	316/L	S-AP	2.781
	.156	1.688	316/L	S-AP	3.072
	.188	1.625	304/L	S-AP	3.638
	.188	1.625	316/L	S-AP	3.638
	.250	1.500	304/L	S-AP	4.673
	.250	1.500	316/L	S-AP	4.673
	.313	1.384	316/L	S-AP	5.639
	.375	1.250	316/L	S-AP	6.510
<b>2 1/4" O.D.</b>					
<b>(2.250")</b>	.065	2.120	316/L	W-BA	1.517
	.065	2.120	316/L	S-AP	1.517
	.120	2.010	304/L	S-AP	2.730
	.120	2.010	316/L	W-BA	2.730
	.120	2.010	316/L	S-AP	2.730
<b>2 1/2" O.D.</b>					
<b>(2.500")</b>	.065	2.370	304/L	W-BA	1.690
	.065	2.370	304/L	S-AP	1.690
	.065	2.370	316/L	W-BA	1.690
	.065	2.370	316/L	S-AP	1.690
	.083	2.334	304/L	W-BA	2.143
	.083	2.334	316/L	W-BA	2.143
	.120	2.260	304/L	W-BA	3.050
	.120	2.260	304/L	S-AP	3.050
	.120	2.260	316/L	W-BA	3.050
	.120	2.260	316/L	S-AP	3.050

SIZE	WALL	I.D.	GRADE	CODE	Wt/Ft
<b>2 1/2" O.D. Continued</b>					
<b>(2.500")</b>	.188	2.124	316/L	S-AP	4.642
	.250	2.000	316/L	S-AP	6.008
<b>3" O.D.</b>					
<b>(3.000")</b>	.065	2.870	304/L	W-BA	2.037
	.065	2.870	304/L	S-AP	2.037
	.065	2.870	316/L	W-BA	2.037
	.065	2.870	316/L	S-AP	2.037
	.083	2.834	304/L	W-BA	2.586
	.083	2.834	316/L	W-BA	2.586
	.083	2.834	316/L	S-AP	2.586
	.083	2.834	316/L	S-BA	2.586
	.120	2.760	304/L	W-BA	3.691
	.120	2.760	316/L	W-BA	3.691
	.120	2.760	316/L	S-AP	3.691
	.188	2.624	304/L	S-AP	5.646
	.188	2.624	316/L	S-AP	5.646
	.250	2.500	304/L	S-AP	7.343
	.250	2.500	316/L	S-AP	7.343
	.375	2.250	316/L	S-AP	10.510
<b>3 1/2" O.D.</b>					
<b>(3.500")</b>	.065	3.370	316/L	S-AP	2.385
	.083	3.334	316/L	S-AP	3.030
<b>4" O.D.</b>					
<b>(4.000")</b>	.065	3.870	304/L	W-BA	2.732
	.065	3.870	304/L	S-AP	2.732
	.065	3.870	316/L	W-BA	2.732
	.065	3.870	316/L	S-AP	2.732
	.083	3.834	304/L	W-BA	3.472
	.083	3.834	304/L	S-AP	3.472
	.083	3.834	316/L	W-BA	3.472
	.120	3.760	304/L	W-BA	4.973
	.120	3.760	316/L	W-BA	4.973
	.120	3.760	316/L	S-AP	4.973
	.250	3.500	304/L	S-AP	10.010

## “Special Products”

SIZE	WALL	LENGTH	GRADE	CODE
<b>METRIC STAINLESS STEEL SEAMLESS TUBING</b>				
ASTM A269, A213/ASME SA213 AVG. WALL				
3mm O.D. – 42mm O.D.	.5 – 3.00 mm	20'0"	316/L	S
<b>SUPER DUPLEX 2507 UNS S32750 SEAMLESS TUBING</b>				
ASTM A789/ASME SA789 AVG. WALL				
1/4" – 1"	.049" – .109"	20'0"	2507	S-AP
<b>TUNGUM SEAMLESS TUBING</b>				
ASTM B706				
1/4" – 1"	.035" – .083"	20'0"	Tungum	S
<b>CLEANED AND CAPPED STAINLESS STEEL SEAMLESS TUBING FOR OXYGEN SERVICE</b>				
ASTM A269, A213/ASME SA213 AVG. WALL				
1/8" – 1"	.035" – .120"	20'0"	316/L	S
<b>TUBING CODE:</b> S = Seamless, W = Welded, AP = Annealed & Pickled, BA = Brite Annealed, CC = Cleaned/Capped, SID = Smooth ID				

# Stainless Steel Coiled Tubing

SEAMLESS: ASTM A-269, A-213, ASME SA-213, AVG. WALL  
WELDED: ASTM A-269

SIZE	CODE	AVG. LENGTH	GRADE	Wt/Ft	SIZE	CODE	AVG. LENGTH	GRADE	Wt/Ft
1/16" O.D. X .020"	W	200'	T316/L	.0091	3/8" O.D. X .049"	W	5000'	T316/L	.1706
1/8" O.D. X .020"	W	200'	T304/L	.0220	3/8" O.D. X .049"	S	941'	T316/L	.1706
1/8" O.D. X .020"	S	200'	T304/L	.0220	3/8" O.D. X .065"	S	749'	T316/L	.2152
1/8" O.D. X .020"	W	200'	T316/L	.0220	1/2" O.D. X .035"	W	200'	T304/L	.1738
1/8" O.D. X .028"	W	200'	T316/L	.0290	1/2" O.D. X .035"	S	927'	T304/L	.1738
1/8" O.D. X .035"	W	2500'	T304/L	.0330	1/2" O.D. X .035"	W	2000'	T316/L	.1738
1/8" O.D. X .035"	W	2500'	T316/L	.0330	1/2" O.D. X .035"	S	927'	T316/L	.1738
1/8" O.D. X .035"	S	500'	T316/L	.0330	1/2" O.D. X .049"	W	200'	T304/L	.2360
1/4" O.D. X .035"	W	500'	T304/L	.0804	1/2" O.D. X .049"	W	200'	T316/L	.2360
1/4" O.D. X .035"	W	5/10,000'	T316/L	.0804	1/2" O.D. X .049"	S	681'	T316/L	.2360
1/4" O.D. X .035"	S	2005'	T316/L	.0804	1/2" O.D. X .065"	S	584'	T316/L	.3020
1/4" O.D. X .049"	W	500'	T316/L	.1052	5/8" O.D. X .035"	S	270'	T316/L	.2205
1/4" O.D. X .049"	S	1528'	T316/L	.1052	5/8" O.D. X .049"	W	200'	T316/L	.3014
1/4" O.D. X .065"	S	1256'	T316/L	.1280	5/8" O.D. X .049"	S	200'	T316/L	.3014
5/16" O.D. X .035"	W	200'	T304/L	.1037	3/4" O.D. X .035"	S	90'	T316/L	.2673
3/8" O.D. X .035"	W	500'	T304/L	.1271	3/4" O.D. X .049"	W	200'	T304/L	.3668
3/8" O.D. X .035"	W	5000'	T316/L	.1271	3/4" O.D. X .049"	W	100'	T316/L	.3668
3/8" O.D. X .035"	S	1257'	T316/L	.1271	3/4" O.D. X .049"	S	90'	T316/L	.3668

**TUBING CODE:** S = Seamless, W = Welded, AP = Annealed & Pickled, BA = Brite Annealed, CC = Cleaned/Capped, SID = Smooth ID

# Stainless Steel Pipe

SEAMLESS/WELDED: ASTM A-312, ASME SA-312,  
ANSI B36.10M, B36.19M

SIZE	ALLOY	CODE	Wt/Ft	SIZE	ALLOY	CODE	Wt/Ft
<b>1/8" IPS (.405" O.D.)</b>				<b>1/2" IPS (.840" O.D.) <i>Continued</i></b>			
SCH 40 (.068" WALL) .269" I.D.	T304/L	W	.2447	SCH 40 (.109" WALL) .622" I.D.	T304/L	W	.8510
	T304/L	S	.2447		T304/L	S	.8510
	T316/L	W	.2447		T316/L	W	.8510
	T316/L	S	.2447		T316/L	S	.8510
SCH 80 (.095" WALL) .215" I.D.	T304/L	S	.3145	SCH 80 (.147" WALL) .546" I.D.	T304/L	W	1.088
	T316/L	S	.3145		T304/L	S	1.088
					T316/L	W	1.088
					T316/L	S	1.088
<b>1/4" IPS (.540" O.D.)</b>				SCH 160 (.187" WALL) .466" I.D.	T304/L	S	1.304
SCH 40 (.088" WALL) .364" I.D.	T304/L	W	.4248		T316/L	S	1.304
	T304/L	S	.4248				
	T316/L	W	.4248	DXX (.294" WALL) .252" I.D.	T316/L	S	1.714
	T316/L	S	.4248				
SCH 80 (.119" WALL) .302" I.D.	T304/L	S	.5351	<b>3/4" IPS (1.050" O.D.)</b>			
	T316/L	W	.5351	SCH 10 (.083" WALL) .884" I.D.	T304/L	W	.8572
	T316/L	S	.5351		T304/L	S	.8572
					T316/L	W	.8572
					T316/L	S	.8572
<b>3/8" IPS (.675" O.D.)</b>				SCH 40 (.133" WALL) .824" I.D.	T304/L	W	1.131
SCH 40 (.091" WALL) .493" I.D.	T304/L	W	.5676		T304/L	S	1.131
	T304/L	S	.5676		T316/L	W	1.131
	T316/L	W	.5676		T316/L	S	1.131
	T316/L	S	.5676	SCH 80 (.154" WALL) .742" I.D.	T304/L	W	1.474
SCH 80 (.126" WALL) .423" I.D.	T304/L	W	.7388		T304/L	S	1.474
	T304/L	S	.7388		T316/L	W	1.474
	T316/L	W	.7388		T316/L	S	1.474
	T316/L	S	.7388	SCH 160 (.218" WALL) .614" I.D.	T304/L	S	1.937
					T316/L	S	1.937
<b>1/2" IPS (.840" O.D.)</b>				DXX (.308" WALL) .434" I.D.	T316/L	S	2.441
SCH 10 (.083" WALL) .674" I.D.	T304/L	W	.6710				
	T316/L	W	.6710				
	T316/L	S	.6710				

**PIPE CODE:** S = Seamless, W = Welded

# Stainless Steel Pipe

SEAMLESS/WELDED: ASTM A-312, ASME SA-312,  
ANSI B36.10M, B36.19M



SIZE	ALLOY	CODE	Wt/Ft
<b>1" IPS (1.315" O.D.)</b>			
SCH 10 (.109" WALL) 1.097" I.D.	T304/L	W	1.404
	T304/L	S	1.404
	T316/L	W	1.404
	T316/L	S	1.404
SCH 40 (.133" WALL) 1.049" I.D.	T304/L	W	1.679
	T304/L	S	1.679
	T316/L	W	1.679
	T316/L	S	1.679
SCH 80 (.179" WALL) .957" I.D.	T304/L	W	2.172
	T304/L	S	2.172
	T316/L	W	2.172
	T316/L	S	2.172
SCH 160 (.250" WALL) .815" I.D.	T304/L	S	2.844
	T316/L	S	2.844
DXX (.358" WALL) .599" I.D.	T316/L	S	3.659
<b>1 1/4" IPS (1.660" O.D.)</b>			
SCH 10 (.109" WALL) 1.442" I.D.	T304/L	W	1.806
	T304/L	S	1.806
	T316/L	W	1.806
	T316/L	S	1.806
SCH 40 (.140" WALL) 1.380" I.D.	T304/L	W	2.273
	T304/L	S	2.273
	T316/L	W	2.273
	T316/L	S	2.273
SCH 80 (.191" WALL) 1.278" I.D.	T304/L	W	2.997
	T304/L	S	2.997
	T316/L	W	2.997
	T316/L	S	2.997
SCH 160 (.250" WALL) 1.161" I.D.	T304/L	S	3.765
	T316/L	S	3.765
DXX (.382" WALL).896" I.D.	T316/L	S	5.214
<b>1 1/2" IPS (1.900" O.D.)</b>			
SCH 10 (.109" WALL) 1.682" I.D.	T304/L	W	2.085
	T304/L	S	2.085
	T316/L	W	2.085
	T316/L	S	2.085
	T316/L	S	2.085
SCH 40 (.145" WALL) 1.610" I.D.	T304/L	W	2.718
	T304/L	S	2.718
	T316/L	W	2.718
	T316/L	S	2.718
SCH 80 (.200" WALL) 1.500" I.D.	T304/L	W	3.631
	T304/L	S	3.631
	T316/L	W	3.631
	T316/L	S	3.631
SCH 160 (.281" WALL) 1.338" I.D.	T304/L	S	4.859
	T316/L	S	4.859
	T316/L	S	4.859
DXX (.400" WALL) 1.100" I.D.	T316/L	S	6.408
<b>2" IPS (2.375" O.D.)</b>			
SCH 10 (.109" WALL) 2.157" I.D.	T304/L	W	2.638
	T304/L	S	2.638
	T316/L	W	2.638
	T316/L	S	2.638

SIZE	ALLOY	CODE	Wt/Ft
<b>2" IPS (2.375" O.D.) Continued</b>			
SCH 40 (.154" WALL) 2.067" I.D.	T304/L	W	3.653
	T304/L	S	3.653
	T316/L	W	3.653
	T316/L	S	3.653
SCH 80 (.218" WALL) 1.939" I.D.	T304/L	W	5.022
	T304/L	S	5.022
	T316/L	W	5.022
SCH 160 (.343" WALL) 1.689" I.D.	T304/L	S	5.022
	T304/L	S	7.444
	T316/L	S	7.444
DXX (.436" WALL) 1.503" I.D.	T316/L	S	9.029
<b>2 1/2" IPS (2.875" O.D.)</b>			
SCH 10 (.120" WALL) 2.635" I.D.	T304/L	W	3.531
	T304/L	S	3.531
	T316/L	W	3.531
	T316/L	S	3.531
SCH 40 (.203" WALL) 2.469" I.D.	T304/L	W	5.793
	T304/L	S	5.793
	T316/L	W	5.793
SCH 80 (.276" WALL) 2.323" I.D.	T304/L	W	7.661
	T304/L	S	7.661
	T316/L	W	7.661
SCH 160 (.375" WALL) 2.125" I.D.	T304/L	S	7.661
	T304/L	S	10.010
	T316/L	S	10.010
DXX (.552" WALL) 1.771" I.D.	T316/L	S	13.690
<b>3" IPS (3.500" O.D.)</b>			
SCH 10 (.120" WALL) 3.260" I.D.	T304/L	W	4.332
	T304/L	S	4.332
	T316/L	W	4.332
	T316/L	S	4.332
SCH 40 (.216" WALL) 3.068" I.D.	T304/L	W	7.576
	T304/L	S	7.576
	T316/L	W	7.576
SCH 80 (.300" WALL) 2.900" I.D.	T304/L	S	7.576
	T304/L	W	10.250
	T304/L	S	10.250
SCH 160 (.438" WALL) 2.624" I.D.	T316/L	W	10.250
	T316/L	S	10.250
	T304/L	S	14.320
DXX (.600" WALL) 2.300" I.D.	T316/L	S	14.320
	T316/L	S	18.580
<b>3 1/2" IPS (4.000" O.D.)</b>			
SCH 10 (.120" WALL) 3.760" I.D.	T304/L	W	4.973
	T304/L	S	4.973
	T316/L	W	4.973
	T316/L	S	4.973
SCH 40 (.226" WALL) 3.548" I.D.	T316/L	S	4.973
	T304/L	W	9.109
	T304/L	S	9.109
SCH 80 (.318" WALL) 3.364" I.D.	T316/L	W	9.109
	T316/L	S	9.109
	T304/L	S	12.510
SCH 160 (.438" WALL) 2.624" I.D.	T316/L	W	12.510
	T316/L	S	12.510

PIPE CODE: S = Seamless, W = Welded

# Stainless Steel Pipe

SEAMLESS/WELDED: ASTM A-312, ASME SA-312,  
ANSI B36.10M, B36.19M



SIZE	ALLOY	CODE	Wt/Ft
<b>4" IPS (4.500" O.D.)</b>			
SCH 10 (.120" WALL) 4.260" I.D.	T304/L	W	5.613
	T304/L	S	5.613
	T316/L	W	5.613
	T316/L	S	5.613
SCH 40 (.237" WALL) 4.026" I.D.	T304/L	W	10.790
	T304/L	S	10.790
	T316/L	W	10.790
	T316/L	S	10.790
SCH 80 (.337" WALL) 3.826" I.D.	T304/L	W	14.980
	T304/L	S	14.980
	T316/L	W	14.980
	T316/L	S	14.980
SCH 160 (.531" WALL) 3.438" I.D.	T304/L	S	22.510
	T316/L	S	22.510
DXX (.674" WALL) 3.152" I.D.	T316/L	S	27.540
<b>5" IPS (5.562" O.D.)</b>			
SCH 10 (.134" WALL) 5.294" I.D.	T304/L	W	7.770
	T316/L	W	7.770
	T316/L	S	7.770
SCH 40 (.258" WALL) 5.047" I.D.	T304/L	W	14.620
	T304/L	S	14.620
	T316/L	W	14.620
	T316/L	S	14.620
SCH 80 (.375" WALL) 4.813" I.D.	T304/L	S	20.780
	T316/L	S	20.780
<b>6" IPS (6.625" O.D.)</b>			
SCH 10 (.134" WALL) 6.357" I.D.	T304/L	W	9.289
	T304/L	S	9.289
	T316/L	W	9.289
	T316/L	S	9.289
SCH 40 (.280" WALL) 6.065" I.D.	T304/L	W	18.970
	T304/L	S	18.970
	T316/L	W	18.970
SCH 80 (.432" WALL) 5.761" I.D.	T304/L	S	28.570
	T316/L	S	28.570
SCH 160 (.718" WALL) 5.189" I.D.	T304/L	S	45.300
	T316/L	S	45.300
DXX (.864" WALL) 4.897" I.D.	T316/L	S	53.160
<b>8" IPS (8.625" O.D.)</b>			
SCH 10 (.148" WALL) 8.329" I.D.	T304/L	W	13.400
	T304/L	S	13.400
	T316/L	W	13.400
	T316/L	S	13.400
SCH 40 (.322" WALL) 7.981" I.D.	T304/L	W	28.550
	T304/L	S	28.550
	T316/L	W	28.550
SCH 80 (.500" WALL) 7.625" I.D.	T304/L	S	43.390
	T316/L	S	43.390

SIZE	ALLOY	CODE	Wt/Ft
<b>10" IPS (10.750" O.D.)</b>			
SCH 10 (.165" WALL) 10.570" I.D.	T304/L	W	18.700
	T304/L	S	18.700
	T316/L	W	18.700
	T316/L	S	18.700
SCH 40 (.365" WALL) 10.385" I.D.	T304/L	W	40.480
	T304/L	S	40.480
	T316/L	W	40.480
SCH 80 (.500" WALL) 10.157" I.D.	T316/L	S	54.740

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