

STAINLESS

Generic Name	UNS #	Seamless Pipe	Welded Pipe	Weld Fittings	Fitting Designation	Flanges	Pressure Fittings
304/304H	S30400/S30409	A312	A312	A403	WP304/304H	A182	A182
316/316H	S31600/S31609	A312	A312	A403	WP316/316H	A182	A182
317/317L	S31700/S31703	A312	A312	A403	WP317/317L	A182	A182
310S/310H	S31008/S31009	A312	A312	A403	WP310S/310H	A182	A182
321/321H	S32100/S32109	A312	A312	A403	WP321/321H	A182	A182
347/347H	S34700/S34709	A312	A312	A403	WP347/347H	A182	A182
410	S41000	A268	A268	A403	WP410	A182	A182
904L	N08904	A312	A312	A403	WP904L	A182	A182
Duplex 2205	S31803/S32205	A790	A790, A928	A815	WPS31803/S32205	A182, F51/F60	A182, F51/F60
Super Duplex 2507	S32750	A790	A790, A928	A815	WPS32750	A182, F53	A182, F53
254 SMO®	S31254	A312	A312	A403	WP254SMO	A182, F44	A182, F44

NICKEL ALLOYS

Generic Name	UNS #	Seamless Pipe	Welded Pipe	Weld Fittings	Fitting Designation	Flanges	Pressure Fittings
Alloy 20	N08020	B729	B464, B463	B366	WP20, WP20CB	A182, B462	A182, B462, B473
Alloy 200/201	N02200/2201	B161	B725	B366	WPN/WPNL	B564, B160	B564, B160
Alloy 400	N04400	B165	B725	B366	WPNC	B564, B164	B564, B164
Alloy 600	N06600	B167	B517	B366	WPNCI	B564, B166	B564, B166
Alloy 625	N06625	B444	B705	B366	WPNCMC	B564, B446	B564, B446
Alloy 800/800H/800HT	N08800/8810/8811	B407	B514	B366	WPNIC/ WPNIC10/ WPNIC11	B564, B408	B564, B408
Alloy 825	N08825	B423	B705	B366	WPNICMC	B564, B425	B564, B425
Alloy C276	N10276	B622	B619, B575	B366	WPHC276	B564, B574, B462	B564, B574, B462

VALUE-ADDED SERVICES

Cut to Length Pipe • Flange & Fitting Modification (Flat Facing, Lap Joint, Taper Boring, Through Boring, Reducing) • Nipples • PMI Identification • Non-Destructive Testing (NDI) • 24/7 Emergency Service • Rush/Hot Shot Shipping • Special Packaging

Houston, TX
2330 Holmes Rd.
Houston, TX 77051
(713) 790-0222

Pearland, TX
3730 South Main St.
Pearland, TX 77581
(713) 947-0120

Salt Lake City, UT
2534 W Bridger Rd.
Salt Lake City, UT 84104
(801) 973-9339

Santa Fe Springs, CA
9331 Santa Fe Springs Rd.
Santa Fe Springs, CA 90670
(562) 968-1500

www.emetalsinc.com • sales@emetalsinc.com

PIPE SIZE (in.)	O.D. IN (in.)	PIPE SCHEDULES															
		5S	5	10S	10	20	30	40S STD	40	60	80S XH	80	100	120	140	160	DBL XXH
1/8	0.405		.035 .1383	.049 .1863	.049 .1863			.068 .2447	.068 .2447		.095 .3145	.095 .3145					
1/4	0.540		.049 .2570	.065 .3297	.065 .3297			.088 .4248	.088 .4248		.119 .5351	.119 .5351					
3/8	0.675		.049 .3276	.065 .4235	.065 .4235			.091 .5676	.091 .5676		.126 .7388	.126 .7388					
1/2	0.840	.065 .5383	.065 .5383	.083 .6710	.083 .6710			.109 .8510	.109 .8510		.147 .1088	.147 .1088				.187 .1304	.294 .1714
3/4	1.050	.065 .6838	.065 .6838	.083 .8572	.083 .8572			.113 .1131	.113 .1131		.154 .1474	.154 .1474				.218 .1937	.306 .2441
1	1.315	.065 .8678	.065 .8678	.109 .1404	.109 .1404			.133 .1679	.133 .1679		.179 .2179	.179 .2179				.250 .2844	.358 .3659
1¼	1.660	.065 .1107	.065 .1107	.109 .1806	.109 .1806			.140 .2273	.140 .2273		.191 .2977	.191 .2977				.250 .3765	.382 .5214
1½	1.900	.065 .1274	.065 .1247	.109 .2085	.109 .2085			.145 .2718	.145 .2718		.200 .3631	.200 .3631				.281 .4859	.400 .6408
2	2.375	.065 .1604	.065 .1604	.109 .2683	.109 .2683			.154 .3653	.154 .3653		.218 .5022	.218 .5022				.344 .7462	.436 .9029
2½	2.875	.083 .2475	.083 .2475	.120 .3531	.120 .3531			.203 .5793	.203 .5793		.276 .7661	.276 .7661				.375 .1001	.552 .1370
3	3.500	.083 .3029	.083 .3029	.120 .4332	.120 .4332			.216 .7576	.216 .7576		.300 .1025	.300 .1025				.438 .1432	.600 .1858
3½	4.000	.083 .3472	.083 .3472	.120 .4937	.120 .4937			.226 .9109	.226 .9109		.318 .1251	.318 .1251					.636 .2285
4	4.500	.083 .3915	.083 .3915	.120 .5613	.120 .5613			.237 .1079	.237 .10790		.337 .1498	.337 .1498		.438 .1900		.531 .2251	.674 .2754
4½	5.000							.247 .1254			.355 .1761						
5	5.563	.109 .6349	.109 .6349	.134 .7770	.134 .7770			.258 .1462	.258 .1462		.375 .2078	.375 .2078		.500 .2704		.625 .3296	.750 .3855
6	6.625	.109 .7585	.109 .7585	.134 .9289	.134 .9289			.280 .1897	.280 .1897		.432 .2857	.432 .2857		.562 .3693		.719 .4335	.864 .5316
7	7.625							.301 .2354			.500 .3804						.875 .6308
8	8.625	.109 .9914	.109 .9914	.148 .1340	.148 .1340	.250 .2236	.227 .2470	.322 .2855	.322 .2855	.406 .3564	.500 .4339	.500 .4339	.594 .5095		.812 .6776	.906 .7479	.875 .7242
9	9.625							.342 .3391			.500 .4875						
10	10.75	.134 .1519	.134 .1519	.165 .1865	.165 .1865	.250 .2804	.307 .3424	.365 .4048	.365 .4048	.500 .5474	.500 .5474	.594 .6433	.719 .7693	.844 .8920	1.000 .10410	1.125 .11560	1.000 .10410
11	11.75							.375 .4556			.500 .6006						
12	12.75			.180 .2416	.180 .2416	.250 .3338	.330 .4377	.375 .4956	.406 .5352	.562 .7315	.500 .6542	.688 .8863	.844 .10730	1.000 .12550	1.125 .13670	1.312 .16030	1.000 .12550
14	14.00	.156 .2307		.188 .2773	.250 .3671	.312 .4561	.375 .5457	.375 .5457	.438 .6344	.594 .8505	.500 .7209	.750 .10610	.938 .13090	1.093 .1508	1.250 .17020	1.406 .18910	
16	16.00	.165 .2790		.188 .3175	.250 .4205	.312 .5227	.375 .6258	.375 .6258	.500 .8277	.656 .10750	.500 .8277	.844 .13660	1.031 .1648	1.219 .1924	1.438 .22360	1.594 .24530	
18	18.00	.165 .3143		.188 .3576	.250 .4739	.312 .5894	.375 .8215	.375 .7059	.562 .10470	.750 .13850	.500 .9345	.938 .17090	1.156 .20800	1.375 .24410	1.562 .27420	1.781 .30850	
20	20.00	.188 .3978		.218 .4805	.250 .5273	.375 .7860	.500 .10410	.375 .7860	.594 .12310	.812 .1640	.500 .10410	1.031 .20890	1.281 .25610	1.500 .29640	1.750 .34110	1.969 .37920	
24	24.00	.218 .5537		.250 .6341	.250 .6341	.375 .9642	.562 .14070	.375 .9462	.688 .17130	.969 .23440	.500 .12550	1.219 .29660	1.531 .36740	1.812 .42940	2.062 .48310	2.344 .54210	
26	26.00				.312 .8560	.500 .13617		.375 .10263			.500 .13617						
28	28.00				.312 .9226	.500 .14685	.625 .18273	.375 .11064									
30	30.00	.250 .7943		.312 .9893	.312 .9893	.500 .15753	.625 .19606	.375 .11865			.500 .15753						
32	32.00				.312 .10559	.500 .16821	.625 .20943	.375 .12666	.688 .23008		.500 .16821						
34	34.00				.312 .11225	.500 .17889	.625 .22278	.375 .13467	.688 .24477								
36	36.00				.312 .11892	.625 .23613	.375 .14268	.750 .28235			.500 .18957						
40	40.00							.375 .15870			.500 .21093						
44	44.00							.375 .17472			.500 .23229						
48	48.00							.375 .19047			.500 .25365						

WEIGHT FACTORS FOR NICKEL & OTHER ALLOYS

TITANIUM	0.582
CARBON STEEL	0.993
ALLOY 2205	0.997
ALLOY 800	1.025
ALLOY 825	1.039
ALLOY 625	1.066
ALLOY 600	1.074
ALLOY C276	1.129
ALLOY 400	1.139
NICKEL	1.146
CU NICKEL 70/30	1.180

52" & LARGER (WALL THICKNESS/LBS PER FT)					
52	.375	.500	.625	.750	.875
	206.70	275.01	342.93	410.51	477.76
56	.375	.500	.625	.750	.875
	222.78	296.37	369.93	442.55	515.14
60	.375	.500	.625	.750	.875
	238.80	317.73	396.33	479.59	552.52

WALL THICKNESS IN INCHES | STEEL WEIGHT IN LBS. PER FT.

To calculate the theoretical weight of various metals: multiply the weight of an equivalent piece of steel by the appropriate factor (see chart).

To calculate weight per ft. for round steel tubing:
(Diameter - wall) x (wall x 10.68) = Wt. per ft.