



Ascent Tubular Products™

Where Trust Is **Built**

Welded Pipe Specifications

STAINLESS STEELS					
ALLOY	UNS#	SPECIFICATION(S)	ALLOY	UNS#	SPECIFICATION(S)
AL 611	S30601	A999	309H	S30909	A312, A358
304	S30400	A312, A358, A409	309S	S30908	A312, A358
304H	S30409	A312, A358	310H	S31009	A312, A358
304L	S30403	A312, A778, A358, A409	310S	S31008	A312, A358
316	S31600	A312, A358	321	S32100	A312, A778, A358
316H	S31609	A312, A358	321H	S32109	A312, A358
316L	S31603	A312, A778, A358	347	S34700	A312, A778, A358
317	S31700	A312, A358	347H	S34709	A312, A358
317L	S31703	A312, A778, A358	348	S34800	A312, A358
317LMN	S31726	A312, A358	348H	S34809	A312, A358
DUPLIX STAINLESS					
2205	S31803	A790, A928	2102*	S82011	A790
2205	S32205	A790, A928	2304**	S32304	A790, A928
2507	S32750	A790, A928	ZERON®100	S32760	A790, A928
F255	S32550	A790, A928			
6 MOLY GRADES					
AL-6XN*	N08367	A312, A358, B675, B804	25-6MO	N08926	A312, A358, B673, B804
254 SMO*	S31254	A312, A358	1925hMo	N08926	A312, A358, B673, B804
NICKEL ALLOY GRADES					
200	N02200	B725, B474	825	N08825	B705, B474
201	N02201	B725, B474	ALLOY 20	N08020	B464, B474, A358
400	N04400	B725, B474	ALLOY 59	N06059	B619
600	N06600	B517, B474	B-2	N10665	B619, B474
601	N06601	B474	C-22*	N06022	B619, B474
625	N06625	B705, B474	C276	N10276	B619, B474
686	N06686	B619	G-3	N06985	B619, B474
800	N08800	B514, A358, A312	G-30	N06030	B619, B474
800H	N08810	B514, A358, A312	904L	N08904	A312, A358
800HT	N08811	A312, A358, B515 (Tubing)			

Welded Tube Specifications

STAINLESS STEELS					
ALLOY	UNS#	SPECIFICATION(S)	ALLOY	UNS#	SPECIFICATION(S)
304	S30400	A249, A269	309S	S30908	A249, A269
304H	S30409	A249, A269	310H	S31009	A249, A269
304L	S30403	A249, A269	310S	S31008	A249, A269
316	S31600	A249, A269	321	S32100	A249, A269
316H	S31609	A249, A269	321H	S32109	A249, A269
316L	S31603	A249, A269	347	S34700	A249, A269
317	S31700	A249, A269	347H	S34709	A249, A269
309L	S31703	A249, A269	348	S34800	A249, A269
309H	S30909	A249, A269	348H	S34809	A249, A269
DUPLIX STAINLESS					
2205	S31803	A789	2102	S382011	A789
2205	S32205	A789	2304	S32304	A789
2507	S32750	A789			
6 MOLY GRADES					
AL-6XN*	N08367	B676	254SMO	S31254	A2249, A269
NICKEL ALLOY GRADES					
200	N02200	B730	625	N06625	B704
201	N02201	B730	825	N08825	B704
400	N04400	B730	Alloy 20	N08020	B468
600	N06600	B516	B-2	N0665	B626
601	N06601	B516	C-22	N06022	B626
686	N06686	B626	C-276	N10276	B626
800	N08800	B515	G-3	N06985	B626
800H	N08810	B515	G-30	N06030	B626
800HT	N08811	B515	904L	N08940	A249, A269, B674

Stainless Steel Ornamental and Structural Applications



SQUARE TUBING ASTM A554

pounds per linear foot

Size (in)	Birmingham Wire Gauge wall thickness								
	22ga	20ga	18ga	16ga	14ga	12ga	11ga	7ga	
	0.028	0.033	0.048	0.065	0.079	0.105	0.113	0.180	0.25
0.375		0.166	0.234	0.305					
0.496			0.299	0.392					
0.500		0.211	0.299	0.392	0.465				
0.625		0.287	0.41	0.543	0.648				
0.725						1.013	1.08		
0.730				0.568					
0.750		0.344	0.493	0.655	0.784	1.013	1.08		
0.812		0.356	0.511	0.68	0.814	1.053	1.123		
0.835			0.557	0.743					
0.860		0.287							
0.875			0.557	0.743	0.891				
1.000		0.388	0.557	0.743	0.891	1.155	1.233		
1.125		0.477	0.687	0.918	1.104	1.438	1.537		
1.187		0.522	0.751	1.006	1.21				
1.250		0.566	0.816	1.093	1.317	1.72	1.842		
1.375			0.881	1.181	1.423	1.862	1.994		
1.500			0.958	1.286	1.551	2.032	2.177		
1.625		0.700	1.01	1.356	1.636	2.145	2.299		
1.750		0.700	1.01	1.356	1.636	2.145	2.299		
1.875			1.139	1.531	1.849	2.428	2.603		
2.000			1.204	1.619	1.955	2.569	2.755	4.22	5.68
2.362				1.706	2.062	2.711	2.908		
3.000							3.517	5.43	7.35
4.000				3.458	4.191		5.953	9.27	12.7



FLAT OVAL TUBING ASTM A554

pounds per linear foot

Size (in)	Birmingham Wire Gauge wall thickness						
	22ga	20ga	18ga	16ga	14ga	12ga	11ga
	0.028	0.033	0.048	0.065	0.079	0.105	0.113
.307 x .949	0.218	0.255					
.362 x 1.750			0.622				
.370 x 1.490	0.565						
.373 x 1.494		0.664					
.375 x .560			0.234				
.375 x .755			0.299				
.375 x 1.120			0.428				
.375 x 1.500			0.557	0.689			
.380 x .955		0.255	0.363	0.446			
.390 x 1.155				0.527			
.462 x 1.695			0.622				
.475 x 1.500				0.689			
.500 x .905				0.446			
.500 x 1.250		0.344	0.493	0.608			
.500 x 1.500				0.729	0.944		
.500 x 1.750				0.851			
.500 x 2.00	0.444	0.522	0.751	0.931	1.210		
.500 x 2.440			0.881				
.500 x 2.950			1.051	1.307	1.704		
.570 x 1.060			0.428	0.527			
.596 x 2.786			1.010	1.255			
.625 x 1.400				0.689			
.625 x 1.750			0.687				
.715 x 1.551				0.770			
.750 x 1.125	0.293	0.344	0.493	0.608			
.750 x 1.440			0.622				
.750 x 1.500			0.622	0.770	0.997		
.750 x 1.723				0.851	1.104		
.750 x 2.322				1.093			
.750 x 2.996							2.603
.750 x 3.00							2.603
.765 x 1.902					1.849	2.428	1.690
.780 x 3.060					1.210		2.603
.781 x 3.259					1.849		2.755
.805 x 1.503			0.622				
.937 x 1.750			0.751				
.970 x 3.125				1.497			
1.00 x 2.00				1.012			1.842
1.00 x 2.625					1.704	2.236	
1.00 x 3.938				1.902	2.488	3.277	3.517
1.020 x 1.875			0.816				
1.025 x 2.950				1.416			
1.040 x 1.560	0.407	0.477	0.687	0.851	1.104		
1.063 x 2.500						2.145	2.299
1.112 x 1.710				0.931			
1.122 x 2.480				1.255			
1.125 x 1.875				1.012	1.317	1.720	1.842
1.125 x 2.875				1.416			
1.250 x 2.625				1.416	1.849		2.603
2.250 x 3.425				1.527	1.902	2.488	3.277

Stainless Steel Ornamental and Structural Applications



RECTANGULAR TUBING ASTM A554

pounds per linear foot

Size (in)	22ga	20ga	18ga	Birmingham Wire Gauge		12ga	11ga	7ga	0.25
	0.028	0.033	0.048	16ga 0.065	14ga 0.079	0.105	0.113	0.180	
	wall thickness								
.250 x .500		0.166	0.234	0.285					
.250 x .975			0.363						
.250 x 1.00	0.256								
.250 x 2.00			0.751	0.931					
.308 x .995		0.287							
.308 x 1.497	0.331								
.310 x .880				0.446					
.312 x .500		0.166							
.312 x .625	0.180			0.365					
.312 x 1.500	0.331	0.388	0.557	0.689					
.315 x 1.125	0.274								
.315 x 1.382	0.331								
.322 x .885				0.446					
.370 x 1.365				0.365					
.375 x .500		0.388	0.557						
.375 x .500		0.211	0.299						
.375 x .625			0.299	0.365					
.375 x .750	0.218	0.255	0.363	0.446	0.571				
.375 x .875		0.287	0.410	0.505					
.375 x 1.00		0.300	0.428	0.527					
.375 x 1.125		0.344	0.493	0.608	0.784				
.375 x 1.188			0.493	0.608					
.375 x 1.250		0.366	0.525	0.648					
.375 x 1.375		0.388		0.689					
.375 x 1.500			0.622	0.770					
.375 x 1.500	0.350	0.411							
.375 x 1.625		0.433		0.770					
.375 x 2.00			0.751	0.931					
.385 x .885				0.505					
.390 x 1.015				0.527					
.394 x .788			0.363	0.446					
.394 x .984				0.527					
.394 x 1.185		0.344	0.493	0.608					
.406 x 1.188			0.493						
.500 x .625				0.446	0.571				
.500 x .750		0.287	0.410	0.505	0.648				
.500 x .875		0.300		0.527					
.500 x 1.00	0.293	0.344	0.493	0.608	0.784				
.500 x 1.125		0.366	0.525	0.648					
.500 x 1.250		0.388	0.557	0.689	0.891	1.155	1.233		
.500 x 1.375			0.622	0.770	0.997				
.500 x 1.437				0.770					
.500 x 1.500		0.433	0.622	0.770	0.997	1.296	1.385		
.500 x 1.625		0.477							
.500 x 2.00		0.566	0.816	1.012	1.317	1.720	1.842		
.500 x 2.500			0.958	1.190			2.177		
.500 x 3.00			1.139	1.416	1.849		2.603		
.525 x .820		0.287							
.540 x .625			0.363	0.446					
.5625 x 1.8125		0.522							
.580 x 2.00						1.720			
.591 x 1.181				0.689					
.600 x 1.020	0.331								
.610 x 1.365				0.770					
.625 x .724				0.505					
.625 x .750				0.527					
.625 x 1.00		0.344	0.493	0.608	0.784				
.625 x 1.250				0.770	0.997	1.296	1.385		
.625 x 1.375				0.770	0.997	1.296	1.385		
.625 x 1.500			0.687	0.851	1.104				
.625 x 1.750			0.751	0.931					
.625 x 2.00				1.012	1.317				
.625 x 2.500			1.01	1.255	1.636				
.630 x 1.900				1.012					
.680 x 1.185				0.81					
.685 x 1.500			0.687	0.851	1.104				
.687 x .812				0.608					
.687 x 1.562				0.931					
.750 x .875				0.608	0.784				
.750 x .960		0.344	0.493						
.750 x 1.00		0.388	0.557	0.689	0.891	1.155	1.233		
.750 x 1.250		0.433	0.622	0.770	0.997	1.296	1.385		
.750 x 1.500		0.522	0.751	0.931	1.210	1.579	1.690		
.750 x 1.625		0.522	0.751	0.931	1.210	1.579	1.690		
.750 x 1.750				1.012	1.317				
.750 x 2.00		0.611	0.881	1.093	1.423	1.862	1.994		
.750 x 2.250				1.190	1.551				
.750 x 2.500				1.255	1.636	2.145	2.299		
.750 x 2.750			1.010	1.416	1.849				
.750 x 3.00				1.497	1.955	2.569	2.755		
.750 x 4.00				1.902	2.488	3.277	3.517		
.787 x .875				0.689	0.891	1.155	1.233		
.787 x 1.180			0.622						
.787 x 2.360				1.19					
.840 x 2.840					1.955				
.860 x 1.750				1.093					
.870 x 2.700				1.416					
.875 x 1.125				0.770	0.997				
.875 x 1.250				0.851					

Sizes continue next column.

Stainless Steel Ornamental and Structural Applications



RECTANGULAR TUBING ASTM A554 (Continued)

pounds per linear foot

Size (in)	22ga	20ga	18ga	Birmingham Wire Gauge 16ga 14ga wall thickness		12ga	11ga	7ga	0.25
	0.028	0.033	0.048	0.065	0.079	0.105	0.113	0.180	
.875 x 1.500				0.925					
.875 x 1.750					1.317				
.925 x 1.250							1.461		
.950 x 1.750				1.093					
1.00 x 1.250			0.751	0.931	1.210	1.579	1.690		
1.00 x 1.500		0.566	0.816	1.012	1.317	1.720	1.842		
1.00 x 1.625		0.566	0.816	1.012	1.317	1.720	1.842		
1.00 x 2.00			0.958	1.19	1.551	2.032	2.177		
1.00 x 2.375				1.416					
1.00 x 2.500				1.416	1.849	2.428	2.603		
1.00 x 3.00				1.578	2.062	2.711	2.908		
1.100 x 3.00							2.883		
1.180 x 2.360				1.416	1.849	2.428	2.603		
1.187 x 2.750				1.578					
1.250 x 1.500			0.881	1.093	1.423	1.862	1.994		
1.250 x 1.625			0.958	1.190					
1.250 x 1.750			0.958	1.190					
1.250 x 2.00				1.255	1.636	2.145	2.299		
1.250 x 2.250				1.416	1.849				
1.250 x 2.500				1.497	1.955	2.569	2.755		
1.375 x 1.625				1.190					
1.500 x 1.750			1.010	1.255	1.636	2.145	2.299		
1.500 x 2.00			1.125	1.416	1.849	2.428	2.603		
1.500 x 2.250				1.497	1.955	2.569	2.755		
1.500 x 2.500				1.779	2.15	2.829	3.034		
1.500 x 4.500				2.548	3.339		4.735		
1.550 x 3.00				1.902	2.488		3.517		
1.620 x 2.313			1.189	1.497	1.955	2.569	2.755		
1.750 x 2.250							2.883	4.464	6.013
1.750 x 3.00			1.527	1.902	2.488		3.517	5.426	7.349
2.000 x 4.00			2.045	2.548	3.339	4.409	4.735	7.35	10.02
2.500 x 3.500				2.548	3.339		4.735	7.35	10.02
2.500 x 4.00				2.548	3.339		4.735	7.35	10.02



ROUND TUBING ASTM A554

pounds per linear foot

Size (in)	22ga	20ga	18ga	Birmingham Wire Gauge 16ga 14ga wall thickness		12ga	11ga	7ga	0.25
	0.028	0.033	0.048	0.065	0.079	0.105	0.113	0.180	
Nominal 300 SS pipe weight (lb/ft) = (OD - wall) x wall x 10.78									
0.500	0.142	0.166	0.234	0.305	0.359	0.447	0.471		
0.619	0.178	0.208	0.295	0.388	0.460	0.582	0.616		
0.625	0.180	0.211	0.299	0.392	0.465	0.589	0.624		
0.636	0.184	0.215	0.304	0.400	0.474	0.601	0.637		
0.687	0.199	0.233	0.331	0.436	0.518	0.659	0.699		
0.750	0.218	0.255	0.363	0.480	0.571	0.730	0.776		
0.793	0.231	0.270	0.385	0.510	0.608	0.779	0.828		
0.840	0.245	0.287	0.410	0.543	0.648	0.832	0.886		
0.854	0.249	0.292	0.417	0.553	0.660	0.848	0.903		
0.866	0.253	0.296	0.423	0.561	0.670	0.861	0.917		
0.875	0.256	0.300	0.428	0.568	0.678	0.872	0.928		
0.937	0.274	0.322	0.460	0.611	0.731	0.942	1.004		
0.960	0.281	0.330	0.472	0.627	0.750	0.968	1.032		
1.000	0.293	0.344	0.493	0.655	0.784	1.013	1.080		
1.035	0.304	0.356	0.511	0.680	0.814	1.053	1.123		
1.062	0.312	0.366	0.525	0.699	0.837	1.083	1.156		
1.070	0.315	0.369	0.529	0.704	0.844	1.092	1.166		
1.080	0.318	0.372	0.534	0.711	0.852	1.104	1.178		
1.121	0.330	0.387	0.555	0.740	0.887	1.150	1.228		
1.125	0.331	0.388	0.557	0.743	0.891	1.155	1.233		
1.187	0.350	0.411	0.589	0.786	0.944	1.225	1.308		
1.250	0.369	0.433	0.622	0.830	0.997	1.296	1.385		
1.312	0.388	0.455	0.654	0.874	1.050	1.366	1.461		
1.375	0.407	0.477	0.687	0.918	1.104	1.438	1.537		
1.490	0.441	0.518	0.746	0.998	1.202	1.568	1.677		
1.500	0.444	0.522	0.751	1.006	1.210	1.579	1.690		
1.581	0.469	0.551	0.793	1.062	1.279	1.671	1.788		
1.625	0.482	0.566	0.816	1.093	1.317	1.720	1.842		
1.660	0.493	0.579	0.834	1.118	1.346	1.760	1.884		
1.750	0.520	0.611	0.881	1.181	1.423	1.862	1.994		
1.875	0.557	0.655	0.945	1.268	1.530	2.003	2.146		
1.900	0.565	0.664	0.958	1.286	1.551	2.032	2.177		
2.000	0.595	0.700	1.010	1.356	1.636	2.145	2.299		
2.080	0.619	0.728	1.051	1.412	1.704	2.236	2.396		
2.250	0.671	0.789	1.139	1.531	1.849	2.428	2.603		
2.375	0.708	0.833	1.204	1.619	1.955	2.569	2.755		
2.500	0.746	0.878	1.269	1.706	2.062	2.711	2.908		
2.750			1.398	1.881	2.275	2.994	3.212		
3.000			1.527	2.057	2.488	3.277	3.517		
3.500			1.786	2.407	2.913	3.843	4.126		
4.000			2.045	2.757	3.339	4.409	4.735		
4.500			2.304	3.108	3.765	4.975	5.344		
5.000				3.458	4.191	5.541	5.953		
6.000						6.673	7.171	11.293	15.496
8.000						8.936	9.607	15.174	20.886

Pipe Sizes

PIPE SCHEDULES & WEIGHTS - THICKNESSES PRODUCED ARE HIGHLIGHTED - Nominal Pipe Weight (Lb/ft) = (OD-wall) x wall x 10.78

SCHEDULE 5S Size O.D.	5S WALL/In Lbs-/Ft	10S	40S	80S	10	20	30	40	60	80	100	120	140	160	STD	X5	XXS
3/8"		0.065	0.091	0.126			0.073	0.091		0.126				0.158	0.091	0.126	0.252
0.675		0.420	0.570	0.740			0.047	0.570		0.740				0.87	0.57	0.74	1.14
1/2"	0.065	0.083	0.109	0.147			0.095	0.109		0.147				0.188	0.109	0.147	0.294
0.840	0.540	0.680	0.860	1.100			0.750	0.860		1.100				1.320	0.860	1.100	1.730
3/4"	0.065	0.083	0.113	0.154			0.095	0.113		0.154				0.219	0.113	0.154	0.308
1.050	0.690	0.870	1.140	1.490			0.980	1.140		1.490				1.960	1.140	1.490	2.460
1"	0.065	0.109	0.133	0.179			0.114	0.133		0.179				0.250	0.133	0.179	0.358
1.315	0.880	1.420	1.690	2.190			1.480	1.690		2.190				2.870	1.690	2.190	3.690
1 1/4"	0.065	0.109	0.140	0.191			0.117	0.140		0.191				0.250	0.140	0.191	0.382
1.660	1.120	1.820	2.290	3.020			1.950	2.290		3.020				3.800	2.290	3.020	5.260
1 1/2"	0.065	0.109	0.145	0.200			0.125	0.145		0.200				0.281	0.145	0.200	0.400
1.900	1.290	2.100	2.740	3.670			2.390	2.740		3.670				4.900	2.740	3.670	6.470
2"	0.065	0.109	0.154	0.218			0.125	0.154		0.218				0.344	0.154	0.218	0.436
2.375	1.620	2.660	3.690	5.070			3.030	3.690		5.070				7.530	3.690	5.070	9.110
2 1/2"	0.083	0.120	0.203	0.276			0.188	0.203		0.276				0.375	0.203	0.276	0.552
2.875	2.500	3.560	5.850	7.730			5.450	5.850		7.730				10.110	5.850	7.730	13.820
3"	0.083	0.120	0.216	0.300			0.188	0.216		0.300				0.438	0.216	0.300	0.600
3.500	3.060	4.370	7.650	10.350			6.710	7.650		10.350				14.460	7.650	10.350	18.760
3 1/2"	0.083	0.120	0.226	0.318			0.188	0.226		0.318					0.226	0.318	
4.000	3.500	5.020	9.190	12.620			7.730	9.190		12.620					9.190	12.620	
4"	0.083	0.120	0.237	0.337			0.188	0.237		0.337		0.438		0.531	0.237	0.337	0.674
4.500	3.950	5.670	10.890	15.120			8.740	10.890		15.120		19.180		22.720	10.890	15.120	27.800
5"	0.109	0.134	0.258	0.375				0.258		0.375		0.500		0.625	0.258	0.375	0.750
5.563	6.410	7.840	14.750	20.970				14.750		20.970		27.290		33.270	14.750	20.970	38.910
6"	0.109	0.134	0.280	0.432				0.280		0.432		0.562		0.719	0.280	0.432	0.864
6.625	7.660	9.380	19.150	28.840				19.150		28.840		36.730		45.780	19.150	28.840	53.660
8"	0.109	0.148	0.322	0.500		0.250	0.277	0.322	0.406	0.500	0.594	0.719	0.812	0.906	0.322	0.500	0.875
8.625	10.010	13.520	28.820	43.790		22.570	24.930	28.820	35.970	43.790	51.430	61.280	68.390	75.390	28.820	43.790	73.100
10"	0.134	0.165	0.365	0.500		0.250	0.307	0.365	0.500	0.594	0.719	0.844	1.000	1.125	0.365	0.500	1.000
10.750	15.340	18.830	40.860	55.250		28.300	34.560	40.860	55.250	65.030	77.750	90.130	105.110	116.730	40.860	55.250	105.110
12"	0.156	0.180	0.375	0.500		0.250	0.330	0.406	0.562	0.688	0.844	1.000	1.125	1.312	0.375	0.500	1.000
12.750	21.180	24.390	50.030	66.030		33.690	44.180	54.030	73.840	89.460	108.320	126.670	140.980	161.770	50.030	66.030	126.670
14"	0.156	0.188	*	**	0.250	0.312	0.375	0.438	0.594	0.750	0.938	1.094	1.250	1.406	0.375	0.500	
14.000	23.280	27.990			37.060	46.040	55.080	64.030	85.840	107.130	132.080	152.200	171.810	190.880	55.080	72.770	
16"	0.165	0.188	*	**	0.250	0.312	0.375	0.500	0.656	0.844	1.031	1.219	1.438	1.594	0.375	0.500	
16.000	28.170	32.050			42.450	52.760	63.160	83.550	108.510	137.890	166.370	194.230	225.730	247.540	63.160	83.550	
18"	0.165	0.188	*	**	0.250	0.312	0.438	0.562	0.750	0.938	1.156	1.375	1.562	1.781	0.375	0.500	
18.000	31.720	36.100			47.840	59.490	82.920	105.650	139.470	172.520	209.900	246.420	276.790	311.390	71.250	94.330	
20"	0.188	0.218	*	**	0.250	0.375	0.500	0.594	0.812	1.031	1.281	1.500	1.750	1.969	0.375	0.500	
20.000	40.150	46.490			53.230	79.330	105.110	124.260	167.960	210.820	258.490	299.150	344.290	382.720	79.330	105.110	
24"	0.218	0.250	*	**	0.250	0.375	0.562	0.688	0.969	1.219	1.531	1.812	2.062	2.344	0.375	0.500	
24.000	55.890	64.010			64.010	95.500	142.000	172.900	240.580	299.360	370.830	433.410	487.650	547.210	95.500	126.670	
30"	0.250	0.312	*	**	0.312	0.500	0.625								0.375	0.500	
30.000	80.180	99.850			99.850	159.010	197.910								119.670	159.010	
36"					0.312	0.500	0.625	0.750							0.375	0.500	
36.000					120.03	191.35	238.34	285							144.01	191.35	

OTHER PIPE SIZES AND WALLS PRODUCED

OD (in)	Wall Thickness (in)															
26"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000	
28"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000	
30"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000	
32"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000	
36"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000	
38" - 44"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500	1.750	2.000	
48" - 96"	0.188	0.250	0.312	0.375	0.500	0.688	0.750	0.812	1.000	1.125	1.250	1.375	1.500			

60' LENGTHS	48' LENGTHS	20' LENGTHS	10' LENGTHS	*SEE STD WALL	**SEE XS WALL
20' LENGTHS HEAVY WALL OPS		10' LENGTHS HEAVY WALL OPS			

Nickel Alloy / Duplex / Stainless Steel / 6% Moly Tubing Diameters and Gauges

OD (Inches)	Gauge	25	23	22	20	18	16	14	13	12	11	10	9	7		
Wall Thickness (Inches)		0.020	0.025	0.028	0.035	0.049	0.065	0.083	0.095	0.109	0.120	0.134	0.148	0.180	0.250	
	Nominal 300 SS pipe weight (lb/ft) = (OD - wall) x wall x 10.78															
5/8			0.162	0.180	0.223	0.304	0.392									
3/4			0.195	0.218	0.270	0.370	0.480	0.597	0.671	0.753	0.815					
7/8			0.229	0.256	0.317	0.436	0.568	0.709	0.799	0.900	0.977					
1			0.263	0.293	0.364	0.502	0.655	0.821	0.927	1.047	1.138					
1 1/4			0.369	0.458	0.634	0.830	1.044	1.183	1.341	1.462						
1 1/2			0.444	0.553	0.766	1.005	1.258	1.439	1.634	1.785						
2				0.741	1.031	1.356	1.715	1.951	2.222	2.432						
2 1/4				1.163	1.531	1.939	2.207	2.516	2.755							
2 1/2				1.706	2.163	2.463	2.809	3.078								
3				2.057	2.610	2.975	3.397	3.726								
3 1/2				2.407	3.057	3.487	3.984	4.372	4.862	5.348	6.442					
4				2.757	3.505	3.999	4.572	5.019	5.585	6.156	7.412					
4 1/2				3.108	3.952	4.511	5.160	5.666	6.307	6.943	8.383					
5				3.499	5.023	5.										

Stainless Steel Ornamental and Structural Applications

ELLIPTICAL TUBING ASTM A554

pounds per linear foot

Size (in)	Birmingham Wire Gauge		wall thickness		14ga	12ga	11ga
	22ga	20ga	18ga	16ga			
.240 x .745	0.028		0.048	0.065			
.251 x .875	0.18						
.443 x 1.182		0.211		0.527			
.500 x .936		0.255	0.363	0.446			
.622 x 1.320			0.525	0.648	0.837		
.707 x 1.195							1.080
.713 x 1.220					0.784		
.713 x 1.235				0.608			
.750 x .985		0.300	0.428	0.527			
.811 x 1.550				0.770	0.997		
.811 x 1.570				0.770	0.997		
.815 x 1.160			0.493	0.608			
.815 x 1.170			0.493				
.820 x 1.180			0.493				
.848 x 1.396			0.589				
.850 x 1.350			0.557	0.689			
.878 x 2.125						1.438	
.960 x 1.503		0.433	0.622	0.770			
.984 x 1.525		0.455	0.654	0.810			
1.00 x 1.250					0.891		
1.003 x 1.853							1.690
1.003 x 1.875					1.210		
1.003 x 1.895		0.522	0.751	0.931			
1.020 x 2.520				1.190	1.551		
1.050 x 1.350			0.622	0.770			
1.062 x 1.600			0.557	0.689			
1.150 x 1.510				0.689			
1.150 x 1.765							1.690
1.150 x 1.792					1.210		
1.150 x 1.825			0.751	0.931			
1.250 x 1.475					0.891		1.233
1.438 x 2.480				1.255			
1.440 x 2.455							2.299
1.500 x 1.750					1.317		
1.500 x 2.250				1.190	1.551	2.032	2.177
1.500 x 3.312				1.640	2.037		3.203
1.800 x 2.00		0.700					

OTHER SHAPE TUBING ASTM A554

pounds per linear foot

Size (in)	Birmingham Wire Gauge		wall thickness		14ga	12ga	11ga
	22ga	20ga	18ga	16ga			
.715 x 1.612 (Small D)	0.028		0.048	0.065			
1.015 x 1.970 (D Shape)				0.770			
.750 (Hexagon)			0.428	0.527			
1.00 x 1.680 (Hexagon)				0.931			
1.723 (Hexagon)			0.958				
1.730 (Hexagon)			0.958				
2.040 (Hexagon)				1.416	1.849	2.428	2.603
2.710 (Hexagon)					2.488		
1.265 (Octagon)							
.9375 (Triangle)		0.455	0.654				
1.032 (Triangle)			0.493				
1.070 x 1.995 (Triangle)							1.156
2.378 (Triangle)							
2.300 x 3.800 (Diamond)				1.902			
.437 x 2.250 (Handrail)							
.470 x 2.745 (Handrail)							
1.993 x 4.897 (Trapezoid)							4.735

*Other sizes available upon request.



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