

EXTRUDED SEAMLESS ALUMINUM PIPE

6061-T6 AND 6063-T6

ASTM B-241

3

Nom.	Schedule	O.D. (In.)	Wall (In.)	I.D. (In.)	Wt./Ft.(lbs)	Alloy 6061	Alloy 6063
1/8"	40	.405	.068	.269	.085	•	—
1/4"	40	.540	.088	.364	.147	•	—
3/8"	40	.675	.091	.493	.196	•	—
1/2"	40	.840	.109	.622	.294	•	—
1/2"	80	.840	.147	.546	.376	•	—
3/4"	40	1.050	.113	.824	.391	•	—
3/4"	80	1.050	.154	.742	.510	•	—
1"	40	1.315	.133	1.049	.581	•	•
1"	80	1.315	.179	.957	.751	•	—
1-1/4"	40	1.660	.140	1.380	.786	•	•
1-1/4"	80	1.660	.191	1.278	1.037	•	—
1-1/2"	10	1.900	.109	1.682	.721	—	•
1-1/2"	40	1.900	.145	1.610	.940	•	•
1-1/2"	80	1.900	.200	1.500	1.256	•	—
2"	5	2.375	.065	2.245	.555	—	•
2"	10	2.375	.109	2.157	.913	—	•
2"	40	2.375	.154	2.067	1.264	•	•
2"	80	2.375	.218	1.939	1.737	•	—
2-1/2"	10	2.875	.120	2.635	1.221	—	•
2-1/2"	40	2.875	.203	2.469	2.004	•	—
2-1/2"	80	2.875	.276	2.323	2.650	•	—

Nom.	Schedule	O.D.(In.)	Wall(In.)	I.D.(In.)	Wt./Ft.(lbs)	Alloy 6061	Alloy 6063
3"	5	3.500	.083	3.334	1.047	—	•
3"	10	3.500	.120	3.260	1.498	—	•
3"	40	3.500	.216	3.068	2.621	•	—
3"	80	3.500	.300	2.900	3.547	•	—
3-1/2"	40	4.000	.226	3.548	3.151	•	—
3-1/2"	80	4.000	.318	3.364	4.326	•	—
4"	5	4.500	.083	4.334	1.354	—	•
4"	10	4.500	.120	4.260	1.942	•	•
4"	40	4.500	.237	4.026	3.733	•	—
4"	80	4.500	.337	3.826	5.183	•	—
5"	10	5.563	.134	5.295	2.688	—	•
5"	40	5.563	.258	5.047	5.057	•	—
5"	80	5.563	.375	4.813	7.188	•	—
6"	10	6.625	.134	6.357	3.213	—	•
6"	40	6.625	.280	6.065	6.564	•	—
6"	80	6.625	.432	5.761	9.884	•	—
8"	10	8.625	.148	8.329	4.635	—	•
8"	40	8.625	.322	7.981	9.878	•	—
8"	80	8.625	.500	7.625	15.010	•	—
10"	40	10.750	.365	10.020	14.004	•	—
12"	STD	12.750	.375	12.000	17.146	•	—
12"	80	12.750	.688	11.375	30.620	•	—

EXTRUDED STRUCTURAL ALUMINUM PIPE

6061-T6 AND 6063-T6

ASTM B-429

Nom.	Schedule	O.D.(In.)	Wall(In.)	I.D.(In.)	Wt./Ft.(lbs)	Alloy 6061	Alloy 6063
1/2"	40	.840	.109	.622	.294	•	—
3/4"	40	1.050	.113	.824	.391	•	—
1"	40	1.315	.133	1.049	.581	•	•
1-1/4"	40	1.660	.140	1.380	.786	•	•
1-1/2"	40	1.900	.145	1.610	.940	•	•
2"	40	2.375	.154	2.067	1.264	•	—
2-1/2"	40	2.875	.203	2.469	2.004	•	—

Nom.	Schedule	O.D.(In.)	Wall(In.)	I.D.(In.)	Wt./Ft.(lbs)	Alloy 6061	Alloy 6063
3"	5	3.500	.083	3.334	1.048	—	•
3"	40	3.500	.216	3.068	2.621	•	—
3-1/2"	10	4.000	.120	3.760	1.720	—	•
4"	40	4.500	.237	4.026	3.733	•	—

EXTRUDED SEAMLESS ALUMINUM TUBING 6061-T6511

ASTM B-241

3

O.D. (In.)	Wall (In.)	I.D. (In.)	Wt./Ft.(lbs.)
1.000	.125	.750	.404
1.000	.188	.625	.564
1.250	.125	1.000	.520
1.250	.188	.875	.737
1.250	.250	.750	.924
1.500	.125	1.250	.635
1.500	.188	1.125	.910
1.500	.250	1.000	1.155
1.500	.375	.750	1.559
1.625	.250	1.125	1.243
1.750	.125	1.500	.750
1.750	.188	1.375	1.084
1.750	.250	1.250	1.385
1.750	.375	1.000	1.905
2.000	.125	1.750	.866
2.000	.188	1.625	1.258
2.000	.250	1.500	1.616
2.000	.375	1.250	2.254
2.000	.500	1.000	2.773
2.250	.125	2.000	.980
2.250	.250	1.750	1.842
2.250	.375	1.500	2.598
2.250	.500	1.250	3.233
2.419	.319	1.781	2.475
2.500	.125	2.250	1.097
2.500	.188	2.125	1.605
2.500	.250	2.000	2.078
2.500	.375	1.750	2.944
2.500	.500	1.500	3.695
2.500	.750	1.000	4.849
2.750	.125	2.500	1.212
2.750	.188	2.375	1.779
2.750	.250	2.250	2.309
2.750	.375	2.000	3.290
2.750	.500	1.750	4.156
2.750	.625	1.500	4.907
2.750	.750	1.250	5.542
2.875	.188	2.499	1.860
3.000	.125	2.750	1.328
3.000	.188	2.625	1.952
3.000	.250	2.500	2.540
3.000	.375	2.250	3.637
3.000	.500	2.000	4.618
3.000	.750	1.500	6.235
3.250	.125	3.000	1.443
3.250	.250	2.750	2.771
3.250	.375	2.500	3.983
3.250	.500	2.250	5.080
3.250	.750	1.750	6.924
3.375	.188	2.999	2.210
3.500	.125	3.250	1.559
3.500	.188	3.125	2.300

O.D. (In.)	Wall (In.)	I.D. (In.)	Wt./Ft.(lbs.)
3.500	.250	3.000	3.002
3.500	.375	2.750	4.329
3.500	.500	2.500	5.542
3.500	.750	2.000	7.620
3.500	1.000	1.500	9.236
3.750	.250	3.250	3.233
3.750	.500	2.750	6.004
3.750	.750	2.250	8.313
3.750	1.000	1.750	10.160
4.000	.125	3.750	1.793
4.000	.188	3.625	2.647
4.000	.250	3.500	3.464
4.000	.375	3.250	5.022
4.000	.500	3.000	6.465
4.000	.750	2.500	9.005
4.000	1.000	2.000	11.083
4.062	.531	3.000	6.910
4.250	.125	4.000	1.905
4.250	.250	3.750	3.695
4.250	.375	3.500	5.368
4.250	.500	3.250	6.927
4.250	.750	2.750	9.697
4.250	1.000	2.250	12.006
4.270	.510	3.250	7.085
4.500	.188	4.125	2.995
4.500	.250	4.000	3.925
4.500	.375	3.750	5.715
4.500	.500	3.500	7.389
4.500	.750	3.000	10.391
4.500	1.000	2.500	12.931
4.750	.500	3.750	7.851
5.000	.125	4.750	2.251
5.000	.250	4.500	4.387
5.000	.375	4.250	6.408
5.000	.500	4.000	8.313
5.000	.750	3.500	11.776
5.000	1.000	3.000	14.778
5.000	1.125	2.750	16.106
5.250	.500	4.250	8.775
5.375	.557	4.261	9.915
5.500	.125	5.250	2.482
5.500	.250	5.000	4.849
5.500	.500	4.500	9.236
5.500	.750	4.000	13.162
5.500	1.000	3.500	16.625
5.806	.527	4.752	10.278
6.000	.125	5.750	2.713
6.000	.188	5.625	4.037
6.000	.250	5.500	5.311
6.000	.375	5.250	7.793
6.000	.500	5.000	10.160

O.D. (In.)	Wall (In.)	I.D. (In.)	Wt./Ft.(lbs.)
6.000	.750	4.500	14.547
6.000	1.000	4.000	18.473
6.000	1.250	3.500	21.940
6.238	.588	5.062	12.274
6.430	.559	5.312	12.125
6.500	.250	6.000	5.773
6.500	.500	5.500	11.084
6.500	.750	5.000	15.930
6.500	1.000	4.500	20.320
6.743	.589	5.565	13.391
7.000	.125	6.750	3.175
7.000	.250	6.500	6.235
7.000	.500	6.000	12.007
7.000	.750	5.500	17.318
7.000	1.000	5.000	22.167
7.023	.636	5.751	15.030
7.500	.250	7.000	6.696
7.500	.375	6.750	9.871
7.500	.500	6.500	12.931
7.500	.750	6.000	18.700
7.500	1.000	5.500	24.014
8.000	.125	7.750	3.637
8.000	.250	7.500	7.158
8.000	.375	7.250	10.564
8.000	.500	7.000	13.854
8.000	.750	6.500	20.089
8.000	1.000	6.000	25.862
8.500	.500	7.500	14.778
8.500	.750	7.000	21.474
8.500	1.000	6.500	27.709
9.000	.500	8.000	15.702
9.000	.750	7.500	22.860
9.000	1.000	7.000	29.556
9.000	2.000	5.000	51.723
10.000	.250	9.500	9.005
10.000	.500	9.000	17.549
10.000	.750	8.500	25.630
10.000	1.000	8.000	33.251
10.750	1.000	8.750	36.020
11.000	.500	10.000	19.400
11.000	.750	9.500	28.402
11.000	1.000	9.000	36.945
12.000	.500	11.000	21.246
12.000	.750	10.500	31.170
12.000	1.000	10.000	40.640
12.750	1.000	10.750	43.410

EXTRUDED STRUCTURAL ALUMINUM TUBING 6061-T6 ASTM B-221/429

3

O.D. (In.)	Wall (In.)	I.D. (In.)	Wt./Ft.(lbs.)
.750	.188	.375	.390
1.000	.250	.500	.693
1.500	.125	1.250	.635
1.500	.250	1.000	1.155
2.000	.125	1.750	.866
2.000	.250	1.500	1.616
2.000	.375	1.250	2.254
2.000	.500	1.000	2.773
2.250	.250	1.750	1.842
2.500	.125	2.250	1.097
2.500	.250	2.000	2.078
2.500	.375	1.750	2.944
2.500	.500	1.500	3.695

O.D. (In.)	Wall (In.)	I.D. (In.)	Wt./Ft.(lbs.)
3.000	.125	2.750	1.328
3.000	.250	2.500	2.540
3.000	.375	2.250	3.637
3.000	.500	2.000	4.618
3.250	.250	2.750	2.771
3.250	.500	2.250	5.080
3.500	.250	3.000	3.002
3.500	.375	2.750	4.329
3.500	.500	2.500	5.542
4.000	.125	3.750	1.793
4.000	.250	3.500	3.464
4.000	.375	3.250	5.022
4.000	.500	3.000	6.465
4.250	.375	3.500	5.368

O.D. (In.)	Wall (In.)	I.D. (In.)	Wt./Ft.(lbs.)
4.500	.250	4.000	3.925
4.500	.500	3.500	7.389
5.000	.125	4.750	2.251
5.000	.250	4.500	4.387
5.000	.500	4.000	8.313
5.500	.500	4.500	9.236
6.000	.250	5.500	5.311
6.000	.500	5.000	10.160
7.000	.500	6.000	12.007
8.000	.250	7.500	7.158
8.000	.500	7.000	13.854

DRAWN SEAMLESS ALUMINUM TUBING 6061-T6

WWT-700/6, AMS 4082, ASTM B-210

3

O.D. (In.)	Wall (In.)	I.D. (In.)	Wt./Ft.(lbs.)
.250	.035	.180	.028
.250	.049	.152	.036
.250	.058	.134	.041
.312	.035	.243	.036
.312	.058	.197	.054
.375	.035	.305	.044
.375	.049	.277	.059
.375	.058	.259	.068
.375	.065	.245	.075
.438	.035	.368	.052
.500	.035	.430	.060
.500	.049	.402	.082
.500	.058	.384	.095
.500	.065	.370	.105
.500	.083	.334	.128
.500	.120	.260	.168
.625	.035	.555	.077
.625	.049	.527	.104
.625	.058	.509	.122
.625	.065	.495	.135
.625	.125	.375	.231
.750	.035	.680	.092
.750	.049	.652	.127
.750	.058	.634	.148
.750	.065	.620	.164
.750	.083	.584	.205
.750	.125	.500	.289

O.D. (In.)	Wall (In.)	I.D. (In.)	Wt./Ft.(lbs.)
.875	.035	.805	.109
.875	.049	.777	.150
.875	.058	.759	.175
.875	.065	.745	.195
1.000	.035	.930	.125
1.000	.049	.902	.172
1.000	.058	.884	.202
1.000	.065	.870	.225
1.000	.083	.834	.281
1.000	.095	.810	.318
1.000	.125	.750	.404
1.125	.035	1.055	.141
1.125	.049	1.027	.195
1.125	.058	1.009	.229
1.125	.083	.959	.319
1.125	.125	.875	.462
1.250	.035	1.180	.157
1.250	.049	1.152	.217
1.250	.058	1.134	.255
1.250	.065	1.120	.285
1.250	.083	1.084	.358
1.250	.125	1.000	.520
1.375	.035	1.305	.173
1.375	.049	1.277	.240
1.375	.058	1.259	.282
1.375	.065	1.245	.315
1.375	.083	1.209	.396
1.500	.035	1.430	.190
1.500	.049	1.402	.263
1.500	.058	1.384	.309
1.500	.065	1.370	.345
1.500	.083	1.334	.435

O.D. (In.)	Wall (In.)	I.D. (In.)	Wt./Ft.(lbs.)
1.625	.058	1.509	.336
1.625	.125	1.375	.693
1.750	.058	1.634	.362
1.750	.065	1.620	.405
1.750	.083	1.584	.511
1.750	.125	1.500	.750
1.875	.058	1.759	.389
2.000	.035	1.930	.254
2.000	.049	1.902	.353
2.000	.058	1.884	.416
2.000	.065	1.870	.465
2.000	.083	1.834	.588
2.000	.125	1.750	.866
2.250	.049	2.152	.398
2.250	.065	2.120	.525
2.250	.083	2.084	.665
2.500	.049	2.402	.444
2.500	.065	2.370	.585
2.500	.083	2.334	.741
2.500	.125	2.250	1.097
3.000	.049	2.902	.534
3.000	.065	2.870	.705
3.000	.083	2.834	.894
3.500	.065	3.370	.825
4.000	.065	3.870	.945

EXTRUDED SQUARE AND RECTANGULAR ALUMINUM TUBING

ASTM B-221

3

Square

O.D. (In.)	Wall (In.)	Wt./Ft. (lbs.)	6063-T52	6061-T6
.750 x .750	.125	.368	•	—
1.000 x 1.000	.062	.274	•	—
1.000 x 1.000	.125	.515	•	—
1.250 x 1.250	.125	.662	•	—
1.500 x 1.500	.125	.809	•	—
1.750 x 1.750	.125	.956	•	—
2.000 x 2.000	.125	1.103	•	•
2.000 x 2.000	.188	1.602	—	•
2.000 x 2.000	.250	2.058	—	•
2.500 x 2.500	.125	1.396	•	•
2.500 x 2.500	.250	2.646	—	•
3.000 x 3.000	.125	1.691	•	—
3.000 x 3.000	.188	2.487	—	•
3.000 x 3.000	.250	3.234	—	•
4.000 x 4.000	.125	2.278	•	—
4.000 x 4.000	.250	4.410	—	•
4.000 x 4.000	.500	8.232	—	•
6.000 x 6.000	.250	6.762	—	•
6.000 x 6.000	.500	12.936	—	•

Rectangular

O.D. (In.)	Wall (In.)	Wt./Ft. (lbs.)	6063-T52	6061-T6
.500 x 1.000	.125	.368	•	—
.750 x 1.500	.125	.588	•	—
1.000 x 1.500	.125	.662	•	—
1.000 x 2.000	.125	.809	•	—
1.000 x 3.000	.125	1.103	•	—
1.250 x 2.500	.125	1.029	•	—
1.500 x 2.000	.125	.956	•	—
1.500 x 3.000	.125	1.250	•	—
1.750 x 3.000	.125	1.323	•	—
2.000 x 3.000	.125	1.396	•	—
2.000 x 3.000	.250	2.646	—	•
2.000 x 4.000	.125	1.690	•	—
2.000 x 4.000	.250	3.234	—	•
2.000 x 5.000	.125	1.984	•	—
2.000 x 6.000	.125	2.279	•	—
4.000 x 6.000	.250	5.586	—	•
4.000 x 6.000	.500	10.584	—	•