



Commonly used Aluminum Tube for Trellis & Pergolas

Rectangular Aluminum Tube

6063-T52 x 24' (Unless noted otherwise)

Stock Code	Size in Inches (E x M x S)	Approx. Wt/Lin ft.
20-63-280	2 x 4 x .125	1.724
20-63-285	2 x 5 x .125	2.025
20-63-290	2 x 6 x .125	2.327
20-63-295	2 x 8 x .125	2.925
20-63-400	2 x 10 x .125 (6063-T6)	3.541
20-63-500	2 x 12 x .188	6.210
20-63-303	3 x 6 x .125 (6063-T6)	2.625
20-63-302	3 x 8 x .110 (6063-T6)	2.862
20-63-700	3 x 10 x .125 (6063-T6)	3.824
20-63-305	3 x 12 x .188 (6005 T5)	6.613
20-63-803	4 x 6 x .125	2.925
20-61-524 (NC/DE)	4 x 8 x .250 (6061-T6)	6.900
20-61-500	4 x 10 x .250 (w/.25 radius; 6061-T6)	8.036
20-61-505	4 x 12 x .250 x 26' (6005-T6)	9.300
56-63-019	6 x 8 x .188 (w/rad) 6063-T6 x 25'	6.196
56-63-027	6 x 10 x .19 (w/rad) 6063-T6 x 25'	7.171
20-63-800	6 x 12 x .250 (w/.125 radius)	10.500

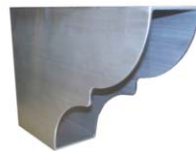
Please see Standards p16 for a full listing of our Rectangular Tube

Square Aluminum Tube

6063-T52 x 24' (Unless noted otherwise)

Stock Code	Size in Inches (E x M x S)	Approx. Wt/Lin ft.
19-63-140	1 x .125	0.524
19-63-170	1.500 x .125	0.824
19-63-210	2 x .125	1.126
19-63-235	3 x .125	1.726
19-63-245	4 x .125	2.324
19-63-255	5 x .125	2.925
19-61-258	5 x .250 (6061-T6)	5.700
19-63-260	6 x .125	3.525
19-61-260	6 x .250	6.900
19-63-265	8 x .188	7.050
19-63-300	10 x .250 x 24' (6063-T6 w/rad)	11.700

Please see Standards p15 for a full listing of our Square Tube



Typical Scalloped End Trellis/Pergola tube fabrication services available through EMS



Architectural 05



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Additional Locations: West Palm Beach & Lakeland, FL; Newark, DE and Birmingham, AL

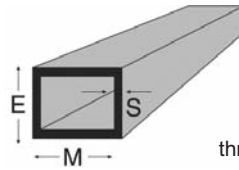
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version: 08/31/16

Rectangular Aluminum Tube

6063-T52 x 24' (Unless noted otherwise)



Typical fabrication services available through EMS: Scalloped End Trellis Tube

Approx. Wt/

Stock Code	Size in Inches (E x M x S)	Lin ft.
20-63-200	.500 x 1 x .093	0.293
<u>52-63-13578</u>	.500 x 2 x .125 (w/.062 radius)	0.672
20-63-203 (DE)	.750 x 1.500 x .062	0.319
20-63-205	.750 x 1.500 x .125	0.600
<u>20-61-206</u>	.750 x 1.500 x .125 (w/radius; 6061-T6)	0.600
20-63-210	.750 x 1.750 x .125	0.675
20-63-220	1 x 1.500 x .125	0.676
<u>20-63-221</u>	1 x 1.500 x .125 (w/.125 radius)	0.659
20-63-222	1 x 2 x .062 (w/.125 radius)	0.416
20-63-223	1 x 2 x .062	0.428
20-63-221 (NC)	1 x 2 x .075 (w/radius)	0.499
20-63-228 (TX)	1 x 2 x .083 (w/radius)	0.554
20-63-229	1 x 2 x .093 x 24'	0.628
20-63-224	1 x 2 x .093 x 26'	0.628
20-63-227	1 x 2 x .093 (w/radius)	0.613
20-63-226	1 x 2 x .125 (w/.125 radius)	0.817
20-63-225	1 x 2 x .125	0.826
20-61-225	1 x 2 x .125 (6061-T6)	0.826
25-BD-320	1 x 2 x .125 Polished BDA	0.826
<u>52-63-8803</u>	1 x 3 x .062 (6063 T6-w/.125 radius)	0.546
20-63-230	1 x 3 x .125	1.125
20-63-689 (NC/MO/DE/AL)	1 x 3 x .125 (w/radius)	1.125
20-63-235	1 x 4 x .125	1.425
<u>20-ANOD-235</u>	1 x 4 x .125 (202R1 Anodized)	1.425
20-63-236	1 x 5 x .125 x 20'	1.720
20-63-237	1 x 6 x .125 (6005-T5)	2.026
20-63-240	1.250 x 2.500 x .125	1.050
20-63-245	1.500 x 2 x .125	0.976
<u>20-61-245</u>	1.500 x 2 x .125 (6061-T6)	0.976
20-63-250	1.500 x 3 x .125	1.272
20-63-255	1.750 x 3 x .125	1.350
<u>20-63-265</u>	1.750 x 4 x .093	1.242
20-63-270	1.750 x 4 x .125	1.650
20-61-270	2 x 2.50 x .125 (6061-T6)	1.275
20-63-275	2 x 3 x .125	1.426
<u>20-61-275</u>	2 x 3 x .125 (6061-T6)	1.426
<u>52-61-194</u>	2 x 3 x .250 (6061-T6)	2.700
20-61-279	2 x 3 x .250 (6061-T6 w/.250 radius)	2.636
20-63-280	2 x 4 x .125	1.724
20-63-281 (NC/TX/DE)	2 x 4 x .250	3.300
20-61-281	2 x 4 x .250 (6061-T6)	3.300
MILL ORDER <u>20-WH-100</u>	2 x 5 x .093	1.520
20-63-285	2 x 5 x .125	2.025
20-61-287	2 x 5 x .250 (6061-T6)	3.900
20-63-290	2 x 6 x .125	2.327
<u>52-63-13710</u>	2 x 6 x .125 (202-R1 Anodized)	2.327
MILL ORDER	2 x 6 x .188 (6063-T6) <u>20-63-688 (NC)</u>	3.440
20-61-292	2 x 6 x .250 (6061-T6)	4.500
<u>52-63-13711</u>	2 x 6 x .250 (202-R1 Anodized)	4.500
MILL ORDER	2 x 7 x .125 <u>20-63-693 (MO)</u>	2.624
20-63-295	2 x 8 x .125	2.925
20-61-296	2 x 8 x .250 (6061-T6)	5.700
20-63-400	2 x 10 x .125 (6063-T6)	3.541

Items marked as MILL ORDER are non stock but available.
Product codes listed on MILL ORDER items are for die reference only.
Customer must specify length, alloy & temper.

Stock Code	Size in Inches (E x M x S)	Approx. Wt/ Lin ft.
MILL ORDER	2 x 10 x .250 (6063-T6)	6.900
20-63-500	2 x 12 x .188	6.210
2178-008 (MO)	2 x 12 x .156 (w/4 screw rec)	5.383
MILL ORDER	2.5 x 6 x .125 (6061-T6) <u>52-61-4048</u>	2.475
MILL ORDER	2.5 x 7 x .125 (T6) <u>20-63-810 (NC)</u>	3.115
40-63-722	3 x .938 x .062 Radius Tube (2 screw bosses)	0.590
20-63-300	3 x 4 x .125	2.026
20-63-303	3 x 6 x .125 (6063-T6)	2.625
20-61-300	3 x 6 x .188	3.891
MILL ORDER	3 x 6 x .250 (T6) <u>52-63-10977</u>	5.100
MILL ORDER	3 x 7 x .125 (T5) <u>20-63-755 (MO)</u>	2.925
20-63-302	3 x 8 x .110 (6063-T6)	2.862
MILL ORDER	3 x 8 x .188 (T6) <u>20-63-615 (NC)</u>	4.794
20-63-700	3 x 10 x .125 (6063-T6)	3.824
20-63-305	3 x 12 x .188 (6005 T5)	6.613
40-63-724	4 x .938 x .062 Radius Tube (2 screw bosses)	0.734
<u>20-63-803</u>	4 x 6 x .125	2.925
20-63-543 (NC)	4 x 6 x .125 (6063-T6)	2.925
<u>56-63-004</u>	4 x 6 x .15 x 24' 2" (w/rad 204R1 Anod)	3.480
20-63-306	4 x 6 x .188	4.256
52-61-804	4 x 6 x .250 x 28' (6061-T6)	5.700
<u>56-63-014</u>	4 x 8 x .19/.15 x 24' 2" (w/rad 204R1 Anod)	4.567
20-61-524 (NC/DE)	4 x 8 x .250 (6061-T6)	6.900
52-61-805	4 x 8 x .250 x 28' (6061-T6)	6.900
<u>20-61-500</u>	4 x 10 x .250 (w/.25 radius; 6061-T6)	8.036
20-61-505	4 x 12 x .250 x 26' (6005-T6)	9.300
40-63-723	5 x .938 x .062 Radius Tube (2 screw bosses)	0.920
<u>56-63-019</u>	6 x 8 x .188 (w/rad) 6063-T6 x 25'	6.196
<u>56-63-020</u>	6 x 8 x .188 (w/rad) 6063-T6 x 30'	6.196
<u>56-63-017</u>	6 x 8 x .188 (w/rad) 204R1 6063-T6 x 25'	6.196
<u>56-63-018</u>	6 x 8 x .188 (w/rad) 204R1 6063-T6 x 30'	6.196
MILL ORDER	6 x 8 x .500 (w/.062 radius)	15.286
<u>56-63-027</u>	6 x 10 x .19 (w/rad) 6063-T6 x 25'	7.171
<u>56-63-028</u>	6 x 10 x .19 (w/rad) 6063-T6 x 30'	7.171
<u>56-63-025</u>	6 x 10 x .19 (w/rad) 204R1 6063-T6 x 25'	7.171
<u>56-63-026</u>	6 x 10 x .19 (w/rad) 204R1 6063-T6 x 30'	7.171
61-63-035* (TX)	6 x 10 x .250/.188 (w/radius)	8.047
<i>*ID configuration allows saw adaptation into a gutter beam</i>		
20-63-800	6 x 12 x .250 (w/.125 radius)	10.500
MILL ORDER 43272 (TX)	6 x 14 x .250 (w/.125 radius)	11.700
MILL ORDER	8 x 12 x .50 (T6 w/.062 rad) <u>52-61-3791</u>	22.345

Oval Tube x 20' (6463-T67)



52-63-6354	1 x 1-1/2	0.562
25-MF-220	1 x 1-7/8	0.674
25-MF-210	1-1/4 x 3	1.055
25-64-216	1-1/4 x 4 (.125" wall)	1.355
<u>25-64-217</u>	1-1/4 x 4 (.140" wall)	1.509

ALSO AVAILABLE: Brushed or Polished BDA Oval Tube
See the Marine section of our Catalog

Standards 16



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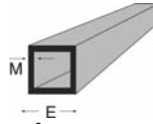
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Square Aluminum Tube

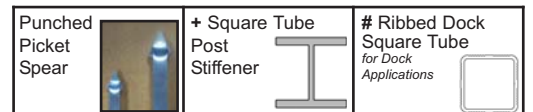
6063-T52 x 24' (Unless noted otherwise)

Items marked as MILL ORDER are non stock but available. Product codes listed on MILL ORDER items are for die reference only. Customer must specify length, alloy & temper.



Stock Code	Size in Inches (E x M x S)	Approx. Wt/Lin ft.
19-63-100	.500 x .062 x 20'	0.131
19-63-471	.625 x .062 x 20'	0.168
19-63-095	.735 x .045	0.168
19-63-085	.750 x .040 (w/ .093 radius)	0.131
19-63-089	.750 x .045 x 16' 8" (w/radius)	0.168
19-63-101	.750 x .045 x 18' 8" (w/radius)	0.168
19-63-105PS1	.750 x .062 x 58" Punched Picket Spear	
19-63-105PS2	.750 x .062 x 70" Punched Picket Spear	
19-63-525 (NC)	.750 x .062 x 16'	0.206
19-63-106 (TX)	.750 x .062 x 20'	0.206
19-63-638 (NC)	.750 x .062 x 21' (w/radius)	0.196
19-63-106 (MO)	.750 x .062 x 21' (w/radius)	0.196
19-63-108 (MO)	.750 x .062 x 22' (w/radius)	0.196
19-63-105	.750 x .062	0.206
19-63-107	.750 x .062 (w/.090 radius)	0.206
19-63-110	.750 x .093	0.293
19-63-113	.750 x .093 (w/radius)	0.293
19-63-115	.750 x 1/8	0.374
19-63-116	.750 x 1/8 (.062 radius)	0.374
19-63-821 (DE)	1 x .047	0.214
19-63-130	1 x .062	0.278
19-63-130PS1	1 x .062 x 58" Punched Picket Spear	
19-63-130PS2	1 x .062 x 70" Punched Picket Spear	
19-63-131	1 x .062 (w/radius)	0.268
19-63-136 (NC/MO)	1 x .075 (w/radius)	0.317
19-63-341	1 x .093	0.405
19-63-345	1 x .093 (w/radius)	0.392
19-63-140	1 x .125	0.524
19-61-140	1 x .125 (6061-T6)	0.524
19-63-141	1 x .125 (w/radius)	0.509
25-BD-310	1 x .125 Polished BDA (w/rad) x 20'	0.509
19-63-153	1.250 x .062	0.353
19-63-150	1.250 x .093	0.516
19-61-150	1.250 x .093 (6061-T6)	0.516
19-63-152	1.250 x .093 (w/ .062 radius)	0.506
19-63-155	1.250 x .125	0.675
19-63-157	1.250 x .125 x 20' (w/radius)	0.643
19-63-160	1.500 x .060	0.430
19-63-161	1.500 x .062 (w/ .093 radius)	0.420
19-63-168	1.500 x .090 (.188 radius)	0.582
19-63-165	1.500 x .093	0.632
19-61-165	1.500 x .093 (6061-T6)	0.632
19-63-170	1.500 x .125	0.824
19-61-170	1.500 x .125 (6061-T6)	0.824
19-63-172	1.500 x .125 (w/.125 radius)	0.809
19-63-174	1.500 x .188	1.184
19-61-173	1.500 x .250 (6061-T6)	1.500
52-61-1045	1.500 x .250 x 18' (w/rad/6061-T6)	1.461
19-63-180	1.750 x .093	0.732
19-61-180	1.750 x .093 (6061-T6)	0.732
19-63-185	1.750 x .125	0.975
19-63-192	2 x .062	0.604
19-63-191	2 x .062 x 26'	0.604
19-61-206	2 x .093 (6005 T5)	0.851
19-61-205	2 x .093 x 26' (6005-T5)	0.851
52-63-11425	2 x .093 (with radius)	0.836
19-63-208	2 x .125 (w/ .25 Out Rad - .125 In Rad)	1.076
19-63-209	2 x .125 (w/.125 radius)	1.109

Stock Code	Size in Inches (E x M x S)	Approx. Wt/Lin ft.
52-61-1768 (NC/DE)	2 x .125 x 32' (6005-T5) (w/.125 rad)	1.109
19-63-210	2 x .125	1.126
25-BD-315	2 x .125 Polished BDA (w/radius) x 20'	1.126
19-61-210	2 x .125 x 22' 6" (6061-T6)	1.126
52-61-936	2 x .125 (6061-T6)	1.126
30-05-200 (NC/DE) #	2 x .125 (Ribbed Dock Tube, w/rad) x 32'	0.994
19-61-208	2 x .188 (6061-T6)	1.634
19-63-211	2 x .188	1.627
52-61-1128	2 x .188 x 20' (w/radius/6061-T6)	1.530
19-61-212	2 x .250 (6061-T6)	2.100
52-61-1520	2 x .250 (w/radius/6061-T6)	2.052
52-61-152020	2 x .250 (w/radius/6061-T6) x 20'	2.052
19-63-215	2.250 x .095	0.982
52-61-1040	2.45 x .250 x 18' (w/radius/6061-T6)	2.640
19-63-714	2.500 x .075	0.855
19-63-807 (DE)	2.500 x .093	1.074
19-63-221	2.500 x .125	1.425
MILL ORDER	2.500 x .188 (6063-T6) 52-61-3402	2.076
52-61-4450	2.7 x .125 (w/radius/6061-T6)	1.490
19-61-534 (NC/MO/DE/AL)	2.7 x .125 x 20' (w/radius/6061-T6)	1.490
19-63-230	3 x .093	1.298
19-63-231	3 x .093 x 27'	1.298
MILL ORDER	3 x .100 (T5 w/rad) 242-005 (MO)	1.380
19-63-235	3 x .125	1.726
19-61-535 (NC/TX/MO)	3 x .125 x 20' (w/rad/6061-T6)	1.670
19-63-237	3 x .125 (w/.125 radius)	1.774
30-05-205 (NC/DE) #	3 x .125 (Ribbed Dock Tube, w/rad) x 20'	1.546
52-61-749	3 x .188 x 18' (w/radius 6061-T6)	2.502
52-63-8188	3 x .188 (w/radius 6063-T6) x 25'	2.502
19-63-240	3 x .188	2.533
19-61-340	3 x .250 (6061-T6)	3.300
51-63-897	3 x .250 x 18' 3" (w/rad)	3.204
52-63-8441	3 x .250 x 25' (w/radius 6063-T6)	3.204
52-61-750	3 x .250 x 18' (w/radius 6061-T6)	3.204
19-63-245	4 x .125	2.324
56-63-003	4 x .125 (w/radius 204R1 Anod) x 24' 2"	2.374
56-63-010	4 x .150 (w/radius 204R1 Anod) x 22'	2.772
MILL ORDER	4 x .156 (w/radius; 4 screw bosses) 21929-997 (TX)	4.282
19-61-250	4 x .250 (6061-T6)	4.500
56-MF-035	4.5 x .093 (w/.125 radius)	1.955
19-63-255	5 x .125	2.925
19-61-258	5 x .250 (6061-T6)	5.700
MILL ORDER	5.5 x .204 (T6 w/radius) 19-63-721 (NC)	5.173
19-63-260	6 x .125	3.525
56-63-037	6 x .150 x 24' 6" (6063-T6 w/rad 204R1 Anod)	4.204
MILL ORDER	6 x .180 x 20' (T6 w/rad) 52-63-1843	5.076
MILL ORDER	6 x .180 (w/radius; 4 screw bosses) 21929-998 (TX)	6.929
MILL ORDER	6 x .188 (w/rad, 6063-T6) 52-63-12856	5.245
19-61-260	6 x .25	6.900
19-61-261	6 x .50 (6061-T6)	12.936
MILL ORDER	6.75 x .188	5.804
19-63-262	7 x .156 (6063-T6)	5.120
19-63-265	8 x .188	7.050
MILL ORDER	8 x .50 x 40' (6061-T6 w/rad) 52-61-3166	17.650
19-63-300	10 x .250 x 24' (6063-T6 w/rad)	11.700
+Square Tube Post Stiffeners (see pic below)		
52-61-2163	Stiffener for 2" x .125 Sq Tube+	0.976
52-61-4452	Stiffener for 2" x .188 Sq Tube+	0.995
MILL ORDER 52-61-3403	Stiffener for 2.5" x .375 Sq Tube+	1.708



Standards 15



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Quality Shapes In Aluminum

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