



MARUICHI AMERICAN CORPORATION

11529 GREENSTONE AVENUE
 SANTA FE SPRINGS, CALIFORNIA 90670-4697
 TEL: (562) 903-8600 FAX: (562) 903-8601
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ORNAMENTAL TUBING ASTM A-513

CALCULATED WEIGHT PER FOOT							(lbs/ft)	
OUTSIDE DIMENSION			Nominal Wall Thickness					
SQUARES	RECTANGLES		0.047 18 Ga.	0.060 16 Ga.	0.072 15 Ga.	0.083 14 Ga.	0.095 13 Ga.	0.120 11 Ga.
1/2 x 1/2			0.283	0.349				
5/8 x 5/8			0.363	0.451				
3/4 x 3/4	1 x 1/2		0.443	0.553	0.649	0.732	0.820	0.986
1 x 1			0.603	0.757	0.893	1.01	1.14	1.39
	1-1/2 x 3/4			0.859		1.16	1.30	1.60
1-1/4 x 1-1/4	1 1/2 x 1		0.762	0.961	1.14	1.30	1.47	1.80
1-1/2 x 1-1/2	1 x 2		0.922	1.165	1.38	1.58	1.79	2.21
1-3/4 x 1-3/4	1 x 2-1/2			1.369		1.86	2.11	2.62
2 x 2	1 x 3	1-1/2 x 2-1/2		1.573	1.87	2.14	2.43	3.02
ROUND								
	5/8		0.29	0.362				
	3/4		0.353	0.442		0.591	0.665	0.807
	7/8		0.416	0.522		0.702		
	1		0.478	0.602	0.714	0.813	0.918	1.13
	1-1/4		0.604	0.763		1.03	1.17	1.45
	1-1/2		0.729	0.923		1.26	1.43	1.77
	1-5/8		0.792	1.00		1.37	1.55	1.93
	1-3/4			1.08		1.48	1.679	2.089
	2			1.24		1.70	1.93	2.41

PIPE A53-B

NOMINAL DIMENSION	SCH-10		SCH-40	
	Weight	Wall	Weight	Wall
2		0.109	3.65	0.154
2-1/2	3.53	0.12	5.79	0.203
3	4.33	0.12	7.58	0.216
3-1/2	4.97	0.12	9.11	0.226
4	5.61	0.12	10.8	0.237
5	7.77	0.134	14.62	0.258
6	9.29	0.134	18.97	0.28

*6 inch size we can make 0.188in wall, weight 12.92lb/ft and 0.25in wall, weight 17.0lb/ft.

This table is based on commonly used sizes.
 Please contact us if you have requirements for other sizes not listed above.



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ISO 9001: 2008

STRUCTURAL TUBING ASTM A-500

CALCULATED WEIGHT PER FOOT (lbs/ft)										
OUTSIDE DIMENSION			Nominal Wall Thickness							
SQUARES	RECTANGLES		0.095 1/8"	0.12 1/8"	0.188 3/16"	0.238	0.250 1/4"	0.313 5/16"	0.375 3/8"	0.500 1/2"
1-1/2 x 1-1/2				2.21	3.14		3.89			
2 x 2	2-1/2 x 1-1/2		2.38	3.02	4.31		5.4			
	1-1/2 x 3			3.35	4.95		6.25			
2.525 x 2.525						6.961				
2-1/2 x 2-1/2	3 x 2	3-1/2 x 1-1/2	3.02	3.76	5.59		7.10			
	3 x 3	3-1/2 x 2-1/2	3.68	4.57	6.86		8.80			
3-1/2 x 3-1/2	4 x 3	5 x 2		5.39	8.14		10.5			
	4 x 4	6 x 2		6.21	9.41		12.2	14.8	17.3	21.6
		6 x 3		7.02	10.7		13.9	16.9	19.8	
	5 x 5	8 x 2		7.83	12.0		15.6	19.1	22.4	28.4
	6 x 6	8 x 3			13.3		17.3	21.2	24.9	
	7 x 7	10 x 2		9.47	14.5		19.0	23.3	27.5	35.2
	8 x 8	12 x 2			17.1		22.4	27.6	32.6	42.0
	9 x 9	12 x 4			19.6		25.8	31.8	37.7	48.8
	10 x 10	12 x 6			22.2		29.2	36.1	42.8	55.6
		12 x 8			24.8		32.6	40.3	47.9	62.4

STRUCTURAL PIPE SIZE (OD)	SCH-10		SCH-40		0.188 in	0.25 in	OTHER	
	Weight	Wall	Weight	Wall	Weight	Weight	Weight	Wall
0.84			0.85	0.109				
1.05			1.13	0.113				
1.315			1.68	0.133				
1.66	1.81	0.109	2.27	0.140				
1.90	2.08	0.109	2.72	0.145			3.31	0.180
2-3/8	2.64	0.109	3.65	0.154	4.39			
2-1/2	3.05	0.120	4.44	0.179			5.75	0.238
2-7/8	3.53	0.120	5.79	0.203				
3	3.69	0.120			5.65	7.34		
3-1/2	4.33	0.120	7.58	0.216	6.65			
4	4.97	0.120	9.11	0.226	7.65	10.0		
4-1/2	5.61	0.120	10.8	0.237	8.66			
5	6.25	0.120			9.66	127		
5-9/16	7.77	0.134	14.6	0.258	10.8	14.2		
6-5/8	9.29	0.134	18.97	0.280	12.9	17.0		
8-5/8			28.55	0.322	22.36	22.4	43.38	0.500

MARUICHI GROUP

Maruichi American Corp
 established 1978 and
 started production in 1980.

● Maruichi Group Plant

A-500 TENSILE REQUIREMENTS

	A	B	C
Tensile Strength, min. psi	45,000	58,000	62,000
Yield Strength, min. psi	39,000	46,000	50,000