

# Weight Per Foot Chart (lbs.)

SHAPES															
Size	Shape	20	19	18	17	16	15	14	13	12	11	10	9	8	7
		.035	.042	.049	.058	.065	.072	.083	.095	.109	.120	.134	.148	.165	.180
.625	SQ	.2810	.3333	.3841	.4476	.4954									
.750	SQ	.3406	.4047	.4675	.5463	.6060	.6644	.7535							
.813	SQ	.3706	.4407	.5095	.5960	.6617	.7261	.8246							
.875	SQ	.4001	.4762	.5509	.6449	.7166	.7869	.8947							
1.000	SQ	.4597	.5476	.6342	.7436	.8271	.9094	1.0359	1.1701	1.3218					
1.250	SQ	.5788	.6905	.8009	.9409	1.0483	1.1543	1.3183	1.4934	1.6927					
1.500	SQ	.6979	.8334	.9677	1.1383	1.2695	1.3993	1.6007	1.8166	2.0635	2.2538				
1.625	SQ					1.3801	1.5218	1.7419	1.9782	2.2490	2.4580				
1.750	SQ						1.6443	1.8831	2.1398	2.4344	2.6621				
2.000	SQ					1.7118	1.8893	2.1655	2.4631	2.8053	3.0704	3.4031	3.7304	4.1208	4.4586
2.188	SQ											3.7451			
2.250	SQ						2.1343	2.4479	2.7863	3.1762	3.4787	3.8590			
2.500	SQ						2.3792	2.7303	3.1095	3.5470	3.8870	4.3150			
3.000	SQ							3.2951	3.7560	4.2888	4.7036	5.2268	5.7447	6.3664	6.9084
4.000	SQ								5.0490	5.7723	6.3368				
1.500x1.000	FSO**	.4789	.5716	.6631	.7794	.8686	.9567								
1.750x1.125	FSO**	.5519	.6591	.7653	.9003	1.0041	1.1068	1.2661							
2.000x1.094	FSO**	.6080	.7264	.8439	.9933	1.1083	1.2223								
2.250x1.313	FSO**	.6978	.8342	.9696	1.1421	1.2750	1.4070								
2.375x1.625	FSO**			1.1251	1.3262	1.4814									
2.750x1.630	FSO**					1.6051	1.7726	2.0336							
.625x1.125	RCT	.4001	.4762	.5509	.6449	.7166									
.750x1.500	RCT	.5192	.6191	.7176	.8423	.9377									
1.000x1.750	RCT	.6383	.7620	.8843	1.0396	1.1589									
1.000x2.000	RCT	.6979	.8334	.9677	1.1383	1.2695	1.3993	1.6007							
1.500x2.500	RCT			1.3011	1.5330	1.7118	1.8893	2.1655	2.4631	2.8053	3.0704				
1.500x3.000	RCT					1.9330	2.1343	2.4479	2.7863	3.1762	3.4787	3.8590			
1.500x3.500	RCT			1.6345	1.9277	2.1541	2.3792	2.7303	3.1095	3.5470	3.8870	4.3150			
1.625x3.000	RCT					1.9883	2.1955	2.5185	2.8671	3.2689	3.5808				
2.000x3.000	RCT					2.1541	2.3792	2.7303	3.1095	3.5470	3.8870	4.3150	4.7376	5.2436	5.6835
2.000x4.000	RCT							3.2951	3.7560	4.2888	4.7036	5.2268	5.7447		

\*\* Flat-Sided Oval

## Structural Tubing

ROUND (in inches)		Nominal decimal for ordering guage	
Outside Diameter	Equiv. Sizes	6 .203	5 .220
2.375	2 NPS	4.7134	5.0681
2.875	2½ NPS	5.7984	6.2440
3.000		6.0697	6.5380
3.476	3" IMC	7.1026	7.6575
3.500	3 NPS	7.1547	7.7139
3.971	3½" IMC	8.1768	8.8216
4.000	3½ NPS	8.2398	8.8898
4.466	4" IMC	9.2510	9.9857
4.500	4 NPS	9.3248	10.0657

SHAPES (in inches)			
Size	Shape	6 .203	5 .220
2.000	SQ	4.9848	5.3297
2.000x3.000	RCT	6.3462	6.8268

**Typical Mechanical Properties Achieved:**  
 45,000 psi yield/48,000 psi tensile  
 50,000 psi yield/55,000 psi tensile

## Square Tubing Options

Square tubing is available as weld-in-corner, round-to-square, or both.

See the table to the right.

OD Size	RTS	WIC
0.625	X	
0.750	X	
0.813	X	
0.875	X	
1.000	X	X
1.250	X	X
1.500	X	X
1.625		X
1.750		X
1.875		X
2.000	X	X
2.188		X
2.250	X	X
2.500	X	X
3.000	X	
4.000	X	