

Weight Chart

Engineering/Shipping Data - Estimated Weight Per Foot for Tubing and Shafting

Tube		Estimated Weight Per Foot		
O.D. / Wall	I.D.	Steel	Aluminum	PVC
0.75 x .035	0.680	0.267	0.094	****
0.84 x .107	0.626	****	****	0.164
1.00 x .035	0.930	0.361	0.128	****
1.00 x .049	0.902	0.498	0.175	****
1.05 x .113	0.824	****	****	0.218
1.12 x .065	0.995	0.736	0.260	****
1.18 x .055	1.070	0.700	0.246	0.138
1.31 x .133	1.049	1.679	0.581	0.324
1.37 x .049	1.277	0.694	0.245	****
1.37 x .065	1.245	0.909	0.321	****
1.50 x .065	1.370	0.996	0.352	****
1.51 x .065	1.380	1.002	0.355	****
1.66 x .065	1.530	1.127	0.396	****
1.66 x .140	1.380	****	****	0.439
1.75 x .065	1.620	1.170	0.413	****
1.90 x .065	1.770	1.275	0.441	****
1.90 x .109	1.682	2.085	0.721	****
1.90 x .112	1.676	****	****	0.4
1.90 x .120	1.660	2.283	0.788	****
1.90 x .200	1.500	****	****	0.705
2.00 x .065	1.870	1.343	0.474	****
2.25 x .065	2.120	1.517	0.533	****
2.38 x .125	2.125	****	****	0.558
2.38 x .218	1.939	****	****	0.918
2.50 x .083	2.334	2.143	0.755	****
2.50 x .120	2.260	3.050	1.081	****
2.50 x .180	2.140	4.460	1.541	****
2.88 x .150	2.575	****	****	0.806
2.88 x .276	2.323	****	****	1.4
3.00 x .065	2.870	2.037	0.714	****
3.00 x .083	2.834	2.586	0.908	****
3.00 x .120	2.760	3.691	1.306	****
3.50 x .083	3.334	3.029	1.064	****
3.50 x .120	3.800	4.332	1.530	****
3.50 x .180	3.140	6.382	2.241	****
3.50 x .188	3.124	6.650	2.350	****
3.50 x .300	2.900	****	****	1.877

Hexagonal Shafting

Size in Inches	Est. Wt. Per Foot	
	Steel	Aluminum
1/4	0.184	0.066
5/16	0.288	0.103
** 3/8	0.414	0.146
7/16	0.564	0.202
** 1/2	0.736	0.264
** 9/16	0.932	0.334
5/8	1.15	0.413
11/16	1.392	0.499
** 3/4	1.656	0.594
1	2.945	1.056
1 1/16	3.324	1.192

Round Shafting

Size in Inches	Est. Wt. Per Foot	
	Steel	Aluminum
3/16	0.094	0.034
1/4	0.167	0.06
5/16	0.261	0.094
3/8	0.376	0.135
7/16	0.511	0.183
12mm	0.595	0.213
1/2	0.668	0.24
9/16	0.845	0.303
15mm	0.93	0.334
5/8	1.043	0.374
17mm	1.194	0.428
** 11/16	1.262	0.453
** 3/4	1.502	0.539
** 13/16	1.763	0.632
** 7/8	2.044	0.733
** 15/16	2.347	0.842
** 1	2.67	0.958
** 1 1/4	4.173	1.497
** 1 7/16	5.518	1.979
** 1 1/2	6.008	2.155

\*\* Special Order Only