

ASTM A500 STRUCTURAL TUBING (SQUARES)

Dimensions				20' TUBING			24' TUBING			40' TUBING			48' TUBING			60' TUBING		
Nominal Size	Wall Thickness	Calculated Weight		pcs	Weight		pcs	Weight		pcs	Weight		pcs	Weight		pcs	Weight	
		lb/ft	kg/ft		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs
in.	in.																	
1½ x 1½	0.095	1.79	0.81	49	1,754	794	49	2,105	954									
	0.120	2.21	1.00	49	2,166	980	49	2,599	1,176	25	2,210	1,000	25	2,652	1,200			
	0.188	3.14	1.42	49	3,077	1,392	49	3,693	1,670	25	3,140	1,420	25	3,768	1,704			
	0.250	3.89	1.76	49	3,812	1,725	49	4,575	2,070	25	3,890	1,760	25	4,668	2,112			
2 x 2	0.095	2.38	1.08	56	2,666	1,210	56	3,199	1,452									
	0.120	3.02	1.37	56	3,382	1,534	56	4,059	1,841	36	4,349	1,973	36	5,219	2,367			
	0.188	4.31	1.96	36	3,103	1,411	36	3,724	1,693	25	4,310	1,960	25	5,172	2,352			
	0.188(SC)	4.53	2.05	36	3,262	1,476	36	3,924	1,771									
2½ x 2½	0.095	3.02	1.37	36	2,174	986	36	2,609	1,184	25	3,020	1,370	25	3,624	1,644			
	0.120	3.76	1.70	36	2,707	1,224	36	3,249	1,469	25	3,760	1,700	25	4,512	2,040			
	0.188	5.59	2.53	36	4,025	1,822	36	4,830	2,186	25	5,590	2,530	25	6,708	3,036			
	0.250	7.10	3.22	36	5,112	2,318	25	4,260	1,932	16	4,544	2,061	16	5,453	2,473			
2.525X2.525	0.238	6.961	3.157	36	5,012	2,273	25	6,177	1,894									
3 x 3	0.095	3.68	1.67	36	2,650	1,202	36	3,180	1,443	25	3,680	1,670	25	4,416	2,004			
	0.120	4.57	2.07	36	3,290	1,490	36	3,948	1,788	25	4,570	2,070	25	5,484	2,484			
	0.188	6.86	3.11	25	3,430	1,555	25	4,116	1,866	16	4,390	1,990	12	3,951	1,791			
	0.250	8.80	3.99	25	4,400	1,995	25	5,280	2,394	16	5,632	2,554	12	5,069	2,298			
3½ x 3½	0.120	5.39	2.44	25	2,695	1,220	25	3,234	1,464	16	3,450	1,562	16	4,140	1,874			
	0.188	8.14	3.69	25	4,070	1,845	25	4,884	2,214	16	5,210	2,362	16	6,252	2,834			
	0.250	10.5	4.76	20	4,200	1,904	16	4,032	1,828	12	5,040	2,285	9	4,536	2,056			
4 x 4	0.095	4.97	2.25	25	2,485	1,125	25	2,982	1,350	25	4,970	2,250	25	5,964	2,700			
	0.120	6.21	2.81	25	3,105	1,405	25	3,726	1,686	25	6,210	2,810	25	7,452	3,372	16	5,962	2,698
	0.188	9.41	4.27	25	4,705	2,135	25	5,646	2,562	16	6,022	2,733	12	5,420	2,460	12	6,775	3,074
	0.250	12.2	5.53	16	3,904	1,770	16	4,685	2,124	12	5,856	2,654	9	5,270	2,389	9	6,588	2,986
	0.313	14.8	6.72	12	3,552	1,613	12	4,265	1,935	9	5,328	2,419	9	6,394	2,903	6	5,328	2,419
	0.375	17.3	7.83	12	4,152	1,879	12	4,982	2,255	6	4,152	1,879	6	4,982	2,255	6	6,228	2,819
5 x 5	0.500	21.6	9.80	9	3,888	1,764	9	4,666	2,117	6	5,184	2,352	6	6,221	2,822	4	5,184	2,352
	0.120	7.83	3.56	16	2,506	1,139	16	3,007	1,367	12	3,758	1,709	12	4,510	2,051	12	5,638	2,563
	0.188	12.0	5.43	16	3,840	1,738	16	4,608	2,085	12	5,760	2,606	9	5,184	2,346	9	6,480	2,932
	0.250	15.6	7.08	16	4,992	2,266	12	4,493	2,039	9	5,616	2,549	6	4,493	2,039	6	5,616	2,549
	0.313	19.1	8.65	9	3,438	1,557	9	4,126	1,868	6	4,584	2,076	6	5,501	2,491	6	6,876	3,114
	0.375	22.4	10.1	9	4,032	1,818	9	4,838	2,182	6	5,376	2,424	6	6,451	2,909	4	5,376	2,424
	0.500	28.4	12.9	6	3,408	1,548	6	4,090	1,858	4	4,544	2,064	4	5,453	2,477	4	6,816	3,096

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		lb/ft	kg/ft		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs
in.	in.	lb/ft	kg/ft		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs
6 x 6	0.120	9.47	4.29	12	2,273	1,030	12	2,727	1,236	12	4,546	2,059	9	4,091	1,853	9	5,114	2,317
	0.188	14.5	6.58	12	3,480	1,579	12	4,176	1,895	9	5,220	2,369	9	6,264	2,843	6	5,220	2,369
	0.250	19.0	8.62	12	4,560	2,069	12	5,472	2,483	9	6,840	3,103	6	5,472	2,483	6	6,840	3,103
	0.313	23.3	10.6	12	5,592	2,544	9	5,033	2,290	6	5,592	2,544	6	6,710	3,053	4	5,592	2,544
	0.375	27.5	12.5	9	4,950	2,250	9	5,940	2,700	6	6,600	3,000	4	5,280	2,400	4	6,600	3,000
7 x 7	0.500	35.2	16.0	9	6,336	2,880	6	5,069	2,304	4	5,632	2,560	4	6,758	3,072	2	4,224	1,920
	0.188	17.1	7.74	9	3,078	1,393	9	3,694	1,672	9	6,156	2,786	9	7,387	3,344	6	6,156	2,786
	0.250	22.4	10.2	9	4,032	1,836	9	4,838	2,203	6	5,376	2,448	6	6,451	2,938	4	5,376	2,448
	0.313	27.6	12.5	9	4,968	2,250	9	5,962	2,700	6	6,624	3,000	4	5,299	2,400	4	6,624	3,000
	0.375	32.6	14.8	9	5,868	2,664	6	4,694	2,131	6	7,824	3,552	4	6,259	2,842	2	3,915	1,776
8 x 8	0.500	42.0	19.1	6	5,040	2,292	6	6,048	2,750	4	6,720	3,056	2	4,043	1,834	2	5,040	2,292
	0.188	19.6	8.90	9	3,528	1,602	9	4,234	1,922	6	4,704	2,136	6	5,645	2,563	6	7,056	3,204
	0.250	25.8	11.7	9	4,644	2,106	9	5,573	2,527	6	6,192	2,808	6	7,430	3,370	4	6,192	2,808
	0.313	31.8	14.4	9	5,724	2,592	6	4,579	2,074	6	7,632	3,456	6	9,143	4,147	4	7,632	3,456
	0.375	37.7	17.1	6	4,524	2,052	6	5,429	2,462	4	6,032	2,736	4	7,238	3,283	4	9,048	4,104
9 x 9	0.500	48.8	22.1	6	5,856	2,652	4	4,685	2,122	4	7,808	3,536	4	9,370	4,244	4	11,712	5,304
	0.188	22.2	10.1	6	2,664	1,212	6	3,197	1,454	6	5,328	2,424	4	4,262	1,939	4	5,328	2,424
	0.250	29.2	13.2	6	3,504	1,584	6	4,205	1,901	6	7,008	3,168	4	5,606	2,534	2	3,504	1,584
	0.313	36.1	16.4	4	2,888	1,312	4	3,466	1,574	4	5,776	2,624	2	3,466	1,574	2	4,332	1,968
	0.375	42.8	19.4	4	3,424	1,552	4	4,109	1,862	4	6,848	3,104	2	4,109	1,862	2	5,136	2,328
10 x 10	0.500	55.6	25.2	4	4,448	2,016	4	5,338	2,419	4	8,896	4,032	2	5,338	2,419	2	6,672	3,024
	0.188	24.8	11.2	9	4,464	2,016	9	5,357	2,419	9	8,928	4,032	6	7,142	3,226	4	5,952	2,688
	0.250	32.6	14.8	6	3,912	1,776	6	4,649	2,131	6	7,824	3,552	4	6,259	2,842	2	3,915	1,776
	0.313	40.3	18.3	6	4,836	2,196	6	5,803	2,635	6	9,672	4,392	4	7,738	3,514	2	4,836	2,196
	0.375	47.9	21.7	6	5,748	2,604	4	4,598	2,083	4	7,664	3,472	2	4,598	2,083	2	5,748	2,604
	0.500	62.4	28.3	4	4,992	2,264	4	5,990	2,717	4	9,984	4,528	2	5,990	2,717	2	7,480	3,396