

ASTM A500 STRUCTURAL TUBING (RECTANGLES)

Weld area is on the First Listed Dimension

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	
		in.	lb/ft		kg/ft	lbs		kgs	lbs		kgs	lbs		kgs	lbs		kgs	lbs
1 x 2	0.120	2.21	1.00	40	1,768	800	40	2,122	960									
1½ x 3	0.120	3.35	1.52	45	3,015	1,368	45	3,618	1,642									
	0.188	4.95	2.25	32	3,168	1,440	32	3,802	1,728	24	4,752	2,160						
	0.250	6.25	2.83	32	4,000	1,811	32	4,800	2,173	24	6,000	2,717						
2 x 3	0.095	3.02	1.37	42	2,537	1,151	42	3,044	1,381	30	3,624	1,644	30	4,349	1,973			
	0.120	3.76	1.70	42	3,158	1,428	42	3,790	1,714	30	4,512	2,040	30	5,414	2,448			
	0.188	5.59	2.53	36	4,025	1,822	36	4,830	2,186	20	4,472	2,024	20	5,366	2,429			
	0.250	7.10	3.22	30	4,260	1,932	25	4,260	1,932	20	5,680	2,576	20	6,816	3,091			
2 x 4	0.095	3.68	1.67	36	2,650	1,202	36	3,180	1,443	24	3,533	1,603	24	4,239	1,924			
	0.120	4.57	2.07	36	3,290	1,490	36	3,948	1,788	24	4,387	1,987	24	5,265	2,385			
	0.188	6.86	3.11	28	3,842	1,724	28	4,610	2,090	15	4,116	1,866	15	4,939	2,239			
	0.250	8.80	3.99	24	4,224	1,915	24	5,069	2,298	15	5,280	2,394	15	6,336	2,873			
2 x 5	0.120	5.39	2.44	24	2,587	1,171	24	3,105	1,405	18	3,881	1,757	18	4,657	2,108			
	0.188	8.14	3.69	24	3,907	1,771	24	4,689	2,125	15	4,884	2,214	15	5,861	2,657			
	0.250	10.5	4.76	24	5,040	2,285	18	4,536	2,056	10	4,200	1,904	10	5,040	2,285			
2 x 6	0.120	6.21	2.81	27	3,353	1,517	27	4,024	1,821	15	3,726	1,686	15	4,471	2,023			
	0.188	9.41	4.27	27	5,081	2,306	27	6,098	2,767	15	5,646	2,562	10	4,517	2,050			
	0.250	12.2	5.53	24	5,856	2,654	15	4,392	1,991	10	4,880	2,212	10	5,856	2,654			
2½ x 1½	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	3,096	1,411	36	3,715	1,693	25	4,300	1,960	25	5,160	2,352			
3 x 4	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	20	3,907	1,771	12	3,907	1,771	12	4,689	2,125			
	0.250	10.5	4.76	20	4,200	1,904	20	5,040	2,285	12	5,040	2,285	9	4,536	2,056			
3½ x 1½	0.120	3.76	1.70	36	2,707	1,224	36	3,249	1,469	24	3,610	1,632	24	4,332	1,958			
	0.188	5.59	2.56	36	4,025	1,843	36	4,830	2,212	24	5,366	2,458	24	6,440	2,949			
3½ x 2½	0.120	4.57	2.07	30	2,742	1,242	30	3,290	1,490	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			
4 x 5	0.120	7.02	3.18	20	2,808	1,272	20	3,370	1,526	20	5,616	2,544	20	6,739	3,053	16	6,739	3,053
	0.188	10.7	4.85	20	4,280	1,940	20	5,136	2,328	20	8,560	3,880	12	6,163	2,794	12	7,704	3,492
	0.250	13.9	6.31	20	5,560	2,524	12	4,003	1,817	12	6,672	3,029	9	6,805	2,726	9	7,506	3,409
	0.313	16.9	7.68	20	6,760	3,072	12	4,867	2,212	12	8,112	3,686	9	7,301	3,318	6	6,084	2,765
	0.375	19.8	8.98	20	7,920	3,572	12	5,702	2,586	9	7,128	3,233	6	5,722	2,586	6	7,128	3,233
5 x 3	0.120	6.21	2.81	24	2,981	1,349	24	3,577	1,619	16	3,974	1,798	16	4,769	2,158			
	0.188	9.41	4.27	24	4,517	2,050	24	5,420	2,460	16	6,022	2,733	12	5,420	2,460			
	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	16	4,736	2,150	16	5,683	2,580	9	5,328	2,419	9	6,394	2,903	6	5,328	2,419
	0.375	17.3	7.83	16	5,536	2,506	12	4,982	2,255	6	4,152	1,879	6	4,982	2,255	6	6,228	2,819
6 x 3	0.120	7.02	3.18	20	2,808	1,272	20	3,370	1,526	12	3,370	1,526	12	4,044	1,832	12	5,054	2,290
	0.188	10.7	4.85	20	4,280	1,940	20	5,136	2,328	12	5,136	2,328	12	6,136	2,794	12	7,704	3,492
	0.250	13.9	6.31	20	5,560	2,524	16	5,338	2,423	9	5,004	2,272	9	6,005	2,726	9	7,506	3,407
	0.313	16.9	7.68	12	4,056	1,843	12	4,867	2,212	6	4,056	1,843	6	4,867	2,212	6	6,084	2,765
	0.375	19.8	8.98	9	3,564	1,616	9	4,227	1,940	6	4,752	2,155	6	5,702	2,586	6	7,128	3,233
6 x 4	0.120	7.83	3.56	16	2,506	1,139	16	3,007	1,367	12	3,758	1,709	9	3,383	1,538	9	4,228	1,922
	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
6 x 5	0.250	17.3	7.8	16	5,536	2,509	16	6,643	3,011	12	8,304	3,763	9	7,474	3,387			
	0.375	24.9	11.3	12	5,976	2,712	12	7,171	3,254	9	8,964	4,068	6	7,171	3,254			
	0.500	31.8	14.4	12	7,632	3,456	12	9,158	4,147	6	7,632	3,456	4	6,106	2,765			

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Nominal Size	Wall Thickness	Calculated Weight		pcs	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		lbs	kgs					
in.	in.	lb/ft	kg/ft		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs					
7 x 3	0.188	12.0	5.43	14	3,360	1,520	14	4,032	1,824	10	4,800	2,172	10	5,760	2,606	10	7,200	3,258								
	0.250	15.6	7.08	14	4,368	1,982	14	5,242	2,379	10	6,240	2,832	10	7,488	3,398	10	9,360	4,248								
	0.313	19.1	8.65	10	3,820	1,730	10	4,584	2,076	8	6,112	2,768	6	5,501	2,491	6	6,876	3,114								
	0.375	22.4	10.1	10	4,480	2,020	10	5,376	2,424	8	7,168	3,232	6	6,451	2,909	6	8,064	3,636								
7 x 4	0.188	13.3	6.02	10	2,660	1,204	10	3,192	1,445	10	5,320	2,408	10	6,384	2,890	8	6,384	2,890								
	0.250	17.3	7.84	10	3,460	1,568	10	4,152	1,882	10	6,920	3,136	10	8,304	3,763	8	8,304	3,763								
	0.313	21.2	9.62	8	3,392	1,539	8	4,070	1,847	8	6,784	3,078	6	6,106	2,771	6	7,632	3,463								
	0.375	24.9	11.3	8	3,984	1,808	8	4,781	2,170	8	7,968	3,616	6	7,171	3,254	6	8,964	4,068								
7 x 5	0.188	14.5	6.58	12	3,480	1,579	12	4,176	1,895	12	6,960	3,158	12	8,352	3,790	12	10,440	4,738								
	0.250	19.0	8.62	12	4,560	2,069	12	5,472	2,483	12	9,120	4,138	9	8,208	3,724	9	10,260	4,655								
	0.313	23.3	10.6	12	5,592	2,544	12	6,710	3,053	9	8,388	3,816	9	10,066	4,579	6	8,388	3,816								
	0.375	27.5	12.5	12	6,600	3,000	12	7,920	3,600	9	9,900	4,500	6	7,920	3,600	6	9,900	4,500								
	0.500	35.2	16.0	12	8,449	3,840	9	7,603	3,456	6	8,448	3,840	6	10,138	4,608	4	8,448	3,840								
8 x 2	0.120	7.83	3.56	30	4,698	2,136	30	5,638	2,563	18	5,638	2,563	15	5,638	2,563	12	5,638	2,563								
	0.188	12.0	5.43	27	6,480	2,932	27	7,776	3,519	18	8,640	3,910	12	6,912	3,128	12	8,640	3,910								
	0.250	15.6	7.08	27	8,424	3,823	24	8,986	4,078	12	7,488	3,398	12	8,986	4,078	10	9,360	4,248								
8 x 3	0.188	13.3	6.02	14	3,724	1,686	14	4,469	2,023	10	5,320	2,408	10	6,384	2,890	10	7,980	3,612								
	0.250	17.3	7.84	14	4,844	2,195	14	5,813	2,634	10	6,920	3,136	10	8,304	3,763	10	10,380	4,704								
	0.313	21.2	9.62	10	4,240	1,924	10	5,088	2,309	8	6,784	3,078	6	6,106	2,771	6	7,632	3,463								
	0.375	24.9	11.3	10	4,980	2,260	10	5,976	2,712	8	7,968	3,616	6	7,171	3,254	6	8,964	4,068								
	0.500	31.8	14.4	8	5,088	2,304	8	6,106	2,765	6	7,632	3,456	6	9,158	4,147	4	7,632	3,456								
8 x 4	0.120	9.47	4.29	15	2,841	1,287	15	3,409	1,544	10	3,788	1,716	8	3,636	1,647	8	4,546	2,059								
	0.188	14.5	6.58	15	4,350	1,974	12	4,176	1,895	10	5,800	2,632	8	5,568	2,527	8	6,960	3,158								
	0.250	19.0	8.62	15	5,700	2,586	12	5,472	2,483	8	6,080	2,758	8	7,296	3,310	6	6,840	3,103								
	0.313	23.3	10.6	12	5,592	2,544	10	5,592	2,544	6	5,592	2,544	6	6,710	3,053	4	5,592	2,544								
	0.375	27.5	12.5	10	5,500	2,500	8	5,280	2,400	6	6,600	3,000	4	5,280	2,400	4	6,600	3,000								
	0.500	35.2	16.0	8	5,632	2,560	6	5,069	2,304	4	5,632	2,560	4	6,758	3,072	2	4,224	1,920								
8 x 6	0.120	11.1	5.03	9	1,998	905	9	2,398	1,086	9	3,996	1,811	9	4,795	2,173	6	3,996	1,811								
	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	8	4,416	2,000	8	5,299	2,400	6	6,624	3,000	4	5,299	2,400	4	6,624	3,000								
	0.375	32.6	14.8	8	5,216	2,368	6	4,694	2,131	6	7,824	3,552	4	6,259	2,842	2	3,912	1,776								
	0.500	42.0	19.1	6	5,040	2,292	6	6,048	2,750	4	6,720	3,056	2	4,032	1,834	2	5,040	2,292								
8 x 10	0.188	22.2	10.1	9	3,996	1,818	9	4,795	2,182	6	5,328	2,424	6	6,394	2,909	4	5,328	2,424								
	0.250	29.2	13.2	9	5,256	2,376	9	6,307	2,851	6	7,008	3,168	6	8,410	3,802	4	7,008	3,168								
	0.313	36.1	16.4	6	4,332	1,968	6	5,198	2,362	4	5,776	2,624	4	6,931	3,149	4	8,664	3,936								
	0.375	42.8	19.4	6	5,136	2,328	6	6,163	2,794	4	6,848	3,104	4	8,218	3,725	2	5,136	2,328								
	0.500	55.6	25.2	4	4,448	2,016	4	5,338	2,419	2	4,448	2,016	2	5,338	2,419	2	6,672	3,024								
9 x 3	0.250	19.0	8.62	8	3,040	1,379	8	3,648	1,655	8	6,080	2,758	8	7,296	3,310	6	6,840	3,103								
	0.313	23.3	10.6	8	3,728	1,696	8	4,474	2,035	8	7,456	3,392	8	8,947	4,070	6	8,388	3,816								
	0.375	27.5	12.5	6	3,300	1,500	6	3,960	1,800	6	6,600	3,000	6	7,920	3,600	4	6,600	3,000								
	0.500	35.2	16.0	6	4,224	1,920	6	5,069	2,304	6	8,448	3,840	6	10,138	4,608	4	8,448	3,840								
9 x 5	0.188	17.3	7.74	10	3,460	1,548	10	4,252	1,858	8	5,536	2,477	8	6,643	2,972	6	6,228	2,786								
	0.250	22.4	10.2	10	4,480	2,040	10	5,376	2,448	6	5,376	2,448	6	6,451	2,938	6	8,064	3,672								
	0.313	27.6	12.5	8	4,416	2,000	8	5,299	2,400	4	4,416	2,000	4	5,299	2,400	4	6,624	3,000								
	0.375	32.6	14.8	8	5,216	2,368	6	4,694	2,131	4	5,216	2,368	4	6,259	2,841	4	7,824	3,552								
	0.500	42.0	19.1	6	5,040	2,292	6	6,048	2,750	4	6,720	3,056	2	4,032	1,834	2	5,040	2,292								
9 x 7	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	6	9,288	4,212								
10 x 2	0.120	9.47	4.29	20	3,788	1,716	20	4,546	2,059	12	4,546	2,059	8	3,636	1,647	8	4,546	2,059								
	0.188	14.5	6.58	20	5,800	2,632	20	6,960	3,158	12	6,960	3,158	8	5,568	2,527	8	6,960	3,158								
	0.250	19.0	8.62	16	6,080	2,758	12	5,472	2,483	8	6,080	2,758	8	7,296	3,310	8	9,120	4,138								

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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.	lb/ft	kg/ft		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs
10 x 4	0.188	17.1	7.74	10	3,420	1,548	10	4,104	1,858	8	5,472	2,477	8	6,566	2,972	6	6,156	2,786
	0.250	22.4	10.2	10	4,480	2,040	10	5,376	2,448	6	5,376	2,448	6	6,451	2,938	6	8,064	3,672
	0.313	27.6	12.5	8	4,416	2,000	8	5,299	2,400	4	4,416	2,000	4	5,299	2,400	4	6,624	3,000
	0.375	32.6	14.8	8	5,216	2,368	6	4,694	2,131	4	5,216	2,368	4	6,259	2,842	4	7,824	3,552
	0.500	42.0	19.1	6	5,040	2,292	6	6,048	2,750	4	6,720	3,056	2	8,064	3,667	2	5,040	2,292
10 x 6	0.188	19.6	8.90	6	2,352	1,068	6	2,822	1,282	6	4,704	2,136	6	5,645	2,563	6	7,056	3,204
	0.250	25.8	11.7	6	3,096	1,404	6	3,715	1,685	6	6,192	2,808	6	7,430	3,370	4	6,192	2,808
	0.313	31.8	14.4	6	3,816	1,728	6	4,579	2,074	6	7,632	3,456	4	6,106	2,765	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	2	4,524	2,052
	0.500	48.8	22.1	6	5,856	2,652	4	4,685	2,122	4	7,808	3,536	2	4,685	2,122	2	5,856	2,652
12 x 2	0.188	17.1	7.74	12	4,104	1,858	12	4,925	2,229	12	8,208	3,715	12	9,850	4,458	6	6,156	2,786
	0.250	22.4	10.2	12	5,376	2,448	12	6,451	2,938	12	10,752	4,896	10	10,752	4,896	6	8,064	3,672
12 x 4	0.188	19.6	8.90	12	4,704	2,136	12	5,645	2,563	10	7,840	3,560	8	7,526	3,418	6	7,056	3,204
	0.250	25.8	11.7	12	6,192	2,808	12	7,430	3,370	6	6,192	2,808	6	7,430	3,370	4	6,192	2,808
	0.313	31.8	14.4	12	7,632	3,456	10	7,632	3,456	6	7,632	3,456	4	6,106	2,765	4	7,632	3,456
	0.375	37.7	17.1	10	7,540	3,420	8	7,238	3,283	4	6,032	2,736	4	7,238	3,283	4	9,048	4,104
	0.500	48.8	22.1	8	7,808	3,536	6	7,027	3,182	4	7,808	3,536	4	9,370	4,243	2	5,856	2,652
12 x 6	0.188	22.2	10.1	10	4,440	2,020	10	5,328	2,424	8	7,104	3,232	6	6,394	2,909	4	5,328	2,424
	0.250	29.2	13.2	10	5,840	2,640	10	7,008	3,168	6	7,008	3,168	4	5,606	2,534	4	7,008	3,168
	0.313	36.1	16.4	10	7,220	3,280	6	5,198	2,362	4	5,776	2,624	4	6,931	3,149	4	8,664	3,936
	0.375	42.8	19.4	6	5,136	2,328	6	6,163	2,794	4	6,848	3,104	2	4,109	1,862	2	5,136	2,328
	0.500	55.6	25.2	6	6,672	3,024	4	5,338	2,419	2	4,448	2,016	2	5,338	2,419	2	6,672	3,024
12 x 8	0.188	24.8	11.2	6	2,976	1,344	6	3,571	1,613	6	5,952	2,688	6	7,142	3,226	6	8,928	4,032
	0.250	32.6	14.8	6	3,912	1,776	6	4,694	2,131	6	7,824	3,552	4	6,259	2,841	4	7,824	3,552
	0.313	40.3	18.3	6	4,836	2,196	6	5,803	2,635	4	6,448	2,928	4	7,738	3,514	4	9,672	4,392
	0.375	47.9	21.7	6	5,748	2,604	6	6,896	3,125	4	7,664	3,472	4	9,197	4,166	2	5,748	2,604
	0.500	62.4	28.3	6	7,488	3,396	4	5,990	2,717	4	9,984	4,528	2	5,990	2,717	2	7,488	3,396