

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		pcs	Weight			
		lb/ft	kg/ft		lbs	kgs		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														
	0.250	5.40	2.45	36	3,888	1,764	36	4,666	2,117	25	5,400	2,450	25	6,480	2,940								
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					

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		pcs	Weight			
		lb/ft	kg/ft		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs		lbs	kgs		
in.	in.																						
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					
	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					
7 x 7	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					
	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					
8 x 8	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					
	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					
9 x 9	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					
	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					
10 x 10	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					

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			

ASTM A500 STRUCTURAL TUBING (RECTANGLES)

Weld area is on the First Listed Dimension

Nominal Size	Dimensions			20' TUBING				24' TUBING				40' TUBING				48' TUBING				60' TUBING			
	Wall Thickness	Calculated Weight		pcs	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		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					

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
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

ASTM A500 STRUCTURAL TUBING (ROUNDS)

Dimensions				20' TUBING			21' TUBING			42' TUBING		
Outside Diameter	Wall Thickness	Calculated Weight		pcs	Weight		pcs	Weight		pcs	Weight	
		lb/ft	kg/ft		lbs	kgs		lbs	kgs		lbs	kgs
in.	in.	lb/ft	kg/ft									
0.840	0.109	0.85	0.386				120	2,148	973			
1.05	0.113	1.13	0.513				84	1,991	907			
1.315	0.109	1.40	0.635				60	1,764	798			
	0.133	1.68	0.762				60	2,118	960			
1.66	0.109	1.81	0.821				42	1,596	722			
	0.140	2.27	1.030				42	2,003	907			
1.90	0.109	2.08	0.943				36	1,573	713			
	0.145	2.72	1.23				36	2,056	929			
	0.180	3.31	1.50	44	2,913	1,320						
2-3/8	0.109	2.64	1.20				29	1,608	731	29	3,216	1,462
	0.154	3.65	1.66				26	1,993	906	26	3,986	1,813
	0.188	4.39	1.99				26	2,397	1,087	26	4,794	2,173
2-1/2	0.120	3.05	1.38	37	2,257	1,021						
	0.179	4.44	2.01	37	3,286	1,487						
	0.238	5.75	2.61	37	4,255	1,931						
2-7/8	0.120	3.53	1.60				18	1,334	605	18	2,667	1,210
	0.203	5.79	2.63				18	2,189	994	18	4,377	1,988
3	0.120	3.69	1.67	24	1,771	802	24	1,860	842	14	3,720	1,683
	0.188	5.65	2.56	24	2,781	1,228	24	2,848	1,290	14	3,332	1,505
	0.250	7.34	3.33	14	2,055	932	14	2,158	979	14	4,316	1,958
3-1/2	0.120	4.33	1.96				24	2,182	988	14	2,546	1,152
	0.188	6.65	3.02				24	3,352	1,522	14	3,910	1,776
	0.216	7.58	3.44				14	2,229	1,011	14	4,457	2,023
4	0.120	4.97	2.25				19	1,983	898	19	3,966	1,796
	0.188	7.65	3.47				19	3,052	1,385	19	6,105	2,769
	0.226	9.11	4.13				11	2,104	954	11	4,209	1,908
	0.250	10.01	4.54				11	2,312	1,049	11	4,625	2,098
4-1/2	0.120	5.61	2.54				19	2,238	1,013	10	2,356	1,067
	0.188	8.66	3.93				10	1,819	825	10	3,637	1,651
	0.237	10.8	4.89				10	2,268	1,027	10	4,536	2,054
5	0.120	6.25	2.84				10	1,313	596	10	2,625	1,193
	0.188	9.66	4.38				10	2,029	920	10	4,057	1,840
5-9/16	0.134	7.77	3.52				10	1,632	739	10	3,263	1,478
	0.188	10.8	4.90				10	2,268	1,029	10	4,536	2,058
	0.250	14.2	6.43				10	2,982	1,350	10	5,964	2,701
	0.258	14.6	6.63				10	3,066	1,392	10	6,132	2,785
6-5/8	0.134	9.29	4.21				7	1,366	619	7	2,731	1,238
	0.188	12.9	5.86				7	1,896	861	7	3,793	1,723
	0.250	17.0	7.72				7	2,499	1,135	7	4,998	2,270
	0.280	19.0	8.61				7	2,789	1,266	7	5,577	2,531

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ASTM A513 MECHANICAL TUBING (SQUARES)

Dimensions				20'Tubing			24'Tubing		
Nominal Size	Wall Thickness	Calculated Weight		pcs	Weight		pcs	Weight	
		lb/ft	kg/ft		lbs	kgs		lbs	kgs
in.	in.								
1/2 x 1/2	0.047	0.283	0.128	182	1,030	466	182	1,236	559
	0.060	0.349	0.158	182	1,270	575	182	1,524	690
	0.072	0.404	0.183	182	1,471	666	182	1,765	799
5/8 x 5/8	0.047	0.363	0.165	180	1,307	594	180	1,568	713
	0.060	0.451	0.204	121	1,091	494	121	1,310	592
	0.072	0.526	0.239	121	1,273	578	121	1,528	694
3/4 x 3/4	0.047	0.443	0.201	110	975	442	110	1,170	531
	0.060	0.553	0.250	110	1,217	550	110	1,460	660
	0.072	0.649	0.294	110	1,428	647	110	1,713	776
	0.083	0.732	0.332	110	1,610	730	110	1,932	876
	0.090	0.784	0.355	110	1,725	782	110	2,070	938
	0.120	0.986	0.447	110	2,169	983	110	2,603	1,180
7/8 x 7/8	0.047	0.523	0.237	110	1,151	521	110	1,381	626
	0.060	0.655	0.297	110	1,441	653	110	1,729	784
	0.072	0.771	0.350	110	1,696	770	110	2,035	924
	0.083	0.874	0.396	110	1,923	871	110	2,307	1,045
1 x 1	0.047	0.603	0.273	100	1,206	546	100	1,447	655
	0.060	0.757	0.343	100	1,514	686	100	1,817	823
	0.072	0.893	0.405	100	1,786	810	100	2,143	972
	0.083	1.010	0.460	100	2,020	920	100	2,424	1,104
	0.090	1.090	0.494	100	2,180	988	100	2,616	1,186
	0.120	1.390	0.632	100	2,780	1,264	81	2,702	1,229
1 1/4 x 1 1/4	0.047	0.762	0.346	81	1,234	561	81	1,481	673
	0.060	0.961	0.435	81	1,557	705	81	1,868	846
	0.072	1.140	0.516	81	1,847	836	81	2,216	1,003
	0.083	1.300	0.588	81	2,106	953	81	2,527	1,143
	0.090	1.396	0.632	64	1,787	810	64	2,145	972
	0.120	1.800	0.817	64	2,304	1,046	64	2,765	1,255
1 1/2 x 1 1/2	0.047	0.922	0.418	64	1,180	535	64	1,416	642
	0.060	1.165	0.528	64	1,491	676	64	1,789	811
	0.072	1.380	0.627	64	1,766	803	64	2,120	963
	0.083	1.580	0.716	64	2,022	916	64	2,427	1,100
	0.090	1.702	0.771	49	1,668	756	49	2,002	907
	0.120	2.210	1.000	49	2,166	980	49	2,599	1,176
1 3/4 x 1 3/4	0.060	1.369	0.620	56	1,533	694	56	1,840	833
	0.083	1.860	0.844	56	2,083	945	56	2,500	1,134
	0.090	2.008	0.910	56	2,249	1,019	56	2,699	1,223
	0.120	2.620	1.190	56	2,934	1,333	56	3,521	1,599
2 x 2	0.047	1.240	0.563	56	1,389	631	56	1,667	757
	0.060	1.573	0.713	56	1,762	799	56	2,114	958
	0.072	1.870	0.849	56	2,094	951	56	2,513	1,141
	0.083	2.140	0.972	56	2,397	1,089	56	2,876	1,306
	0.090	2.314	1.488	56	2,591	1,175	56	3,110	1,410
	0.120	3.020	1.370	56	3,382	1,534	56	4,059	1,841

ASTM A513 MECHANICAL TUBING (ROUNDS)

Dimensions				20' TUBING		
Nominal Size	Wall Thickness	Calculated Weight		pcs	Weight	
		lb/ft	kg/ft		lbs	kgs
in.	in.	lb/ft	kg/ft		lbs	kgs
5/8	0.047	0.290	0.132	169	980	446
	0.060	0.362	0.164	169	1,224	554
	0.072	0.425	0.193	169	1,437	652
3/4	0.047	0.353	0.160	127	897	406
	0.060	0.442	0.201	127	1,123	511
	0.072	0.521	0.236	127	1,323	599
	0.083	0.591	0.268	127	1,501	681
	0.090	0.634	0.288	127	1,611	731
7/8	0.060	0.807	0.366	127	2,050	930
	0.047	0.416	0.189	127	1,057	480
	0.060	0.522	0.237	127	1,326	602
	0.072	0.617	0.280	127	1,567	711
	0.083	0.702	0.318	127	1,783	808
1	0.090	0.755	0.342	127	1,917	869
	0.120	0.968	0.439	127	2,459	1,115
	0.047	0.478	0.217	127	1,214	551
	0.060	0.602	0.273	127	1,529	693
1-1/8	0.072	0.714	0.324	127	1,814	823
	0.083	0.813	0.369	127	2,065	937
	0.090	0.875	0.397	127	2,222	1,008
	0.120	1.13	0.513	127	2,870	1,303
	0.047	0.541	0.245	91	985	446
1-1/4	0.060	0.682	0.310	91	1,241	564
	0.072	0.810	0.367	91	1,474	668
	0.083	0.924	0.419	91	1,682	763
	0.090	0.995	0.451	91	1,811	821
	0.120	1.29	0.585	91	2,348	1,065
1-1/4	0.047	0.604	0.274	91	1,099	499
	0.060	0.763	0.346	91	1,389	630
	0.072	0.906	0.411	91	1,649	748
	0.083	1.03	0.467	91	1,875	850
	0.090	1.12	0.506	91	2,029	920
0.120	1.45	0.658	91	2,639	1,198	

Dimensions				20' TUBING		
Nominal Size	Wall Thickness	Calculated Weight		pcs	Weight	
		lb/ft	kg/ft		lbs	kgs
in.	in.	lb/ft	kg/ft		lbs	kgs
1-3/8	0.047	0.667	0.302	91	1,214	550
	0.060	0.843	0.382	91	1,534	695
	0.072	1.00	0.454	91	1,820	826
	0.083	1.15	0.519	91	2,093	945
	0.090	1.24	0.560	91	2,248	1,020
1-1/2	0.120	1.61	0.730	91	2,930	1,329
	0.047	0.729	0.331	61	889	404
	0.060	0.923	0.419	61	1,126	511
	0.072	1.10	0.498	61	1,342	608
	0.083	1.26	0.572	61	1,537	698
1-5/8	0.090	1.36	0.615	61	1,653	750
	0.120	1.77	0.803	61	2,159	980
	0.047	0.792	0.359	61	966	438
	0.060	1.00	0.455	61	1,224	555
	0.072	1.19	0.542	61	1,452	661
1-3/4	0.083	1.37	0.621	61	1,671	758
	0.090	1.48	0.669	61	1,800	816
	0.120	1.93	0.875	61	2,355	1,068
	0.060	1.08	0.491	37	801	363
2	0.083	1.48	0.670	37	1,094	496
	0.090	1.60	0.724	37	1,181	536
	0.120	2.09	0.948	37	1,546	702
	0.047	0.980	0.445	37	725	329
2	0.060	1.24	0.564	37	920	417
	0.072	1.48	0.672	37	1,095	497
	0.083	1.70	0.771	37	1,258	571
	0.090	1.84	0.833	37	1,359	616
	0.120	2.41	1.09	37	1,783	807

ASTM A513 MECHANICAL TUBING (RECTANGLES)

Weld area is on the First Listed Dimension.

Dimensions				20' TUBING			24' TUBING		
Nominal Size	Wall Thickness	Calculated Weight		pcs	Weight		pcs	Weight	
		in.	lb/ft		kg/ft	lbs		kgs	lbs
1 x ½	0.047	0.443	0.201	120	1,063	482	120	1,276	579
	0.060	0.553	0.250	120	1,327	600	120	1,593	720
1 x 2	0.047	0.922	0.418	60	1,106	502	60	1,328	602
	0.060	1.165	0.528	60	1,398	634	60	1,678	760
	0.072	1.380	0.627	60	1,656	752	60	1,987	903
	0.083	1.580	0.716	60	1,896	859	60	2,275	1,031
	0.090	1.702	0.771	40	1,362	617	40	1,634	741
	0.120	2.210	1.000	40	1,768	800	40	2,122	960
1 x 2½	0.060	1.369	0.620	60	1,643	744	60	1,971	893
	0.083	1.860	0.844	60	2,232	1,013	60	2,678	1,215
	0.090	2.008	0.910	60	2,410	1,092	60	2,892	1,311
	0.120	2.620	1.190	40	2,096	952	40	2,515	1,142
1 x 3	0.060	1.573	0.713	55	1,730	784	55	2,077	941
	0.072	1.870	0.849	55	2,057	934	55	2,468	1,120
	0.083	2.140	0.972	55	2,354	1,069	55	2,825	1,283
	0.090	2.314	1.049	55	2,546	1,154	55	3,055	1,384
	0.120	3.020	1.370	48	2,899	1,315	48	3,479	1,578
1½ x ¾	0.047	0.683	0.310	96	1,311	595	96	1,574	714
	0.060	0.859	0.389	96	1,649	747	96	1,979	896
	0.072	1.020	0.461	96	1,958	885	96	2,350	1,062
	0.083	1.160	0.524	96	2,227	1,006	96	2,673	1,207
	0.090	1.243	0.563	80	1,989	902	80	2,387	1,082
	0.120	1.600	0.725	80	2,560	1,160	80	3,072	1,392
1½ x 1	0.047	0.762	0.346	80	1,219	554	80	1,463	664
	0.060	0.961	0.435	80	1,538	696	80	1,845	835
	0.072	1.140	0.516	80	1,824	826	80	2,189	991
	0.083	1.300	0.588	80	2,080	941	80	2,496	1,129
	0.090	1.396	0.632	63	1,759	797	63	2,111	967
	0.120	1.800	0.817	63	2,268	1,029	63	2,722	1,235
1½ x 2½	0.060	1.573	0.713	60	1,888	856	60	2,265	1,027
	0.072	1.870	0.849	60	2,244	1,019	60	2,693	1,223
	0.083	2.140	0.972	60	2,568	1,166	60	3,082	1,400
	0.090	2.314	1.049	40	1,851	839	40	2,222	1,007
	0.120	3.020	1.370	40	2,416	1,096	40	2,899	1,315
2 x 1½	0.047	1.080	0.490	60	1,296	588	60	1,555	706
	0.060	1.369	0.620	60	1,643	744	60	1,971	893
	0.083	1.860	0.844	60	2,232	1,013	60	2,678	1,215
	0.090	2.008	0.910	40	1,607	728	40	1,928	874
	0.120	2.620	1.190	40	2,096	952	40	2,515	1,142

ASTM A-53 GR-A/B ERW PIPE

Dimensions							21' PIPE			24' PIPE			40'2" PIPE		
Pipe Grade	Nominal Size	OD	Wall Thickness	sch-	Calculated Weight		pcs	Weight		pcs	Weight		pcs	Weight	
					in.	in.		lb/ft	kg/ft		lbs	kgs		lbs	kgs
GR-A	2	2-3/8	0.109	10	2.64	1.20	29	1,607	731	29	1,607	835			
			0.154	40	3.65	1.66	26	1,994	907	26	2,278	1,035			
GR-B	2	2-3/8	0.154	40	3.65	1.66	26	1,994	907	26	2,278	1,035	26	3,822	1,734
			0.120	10	3.53	1.60	29	2,149	974	29	2,457	1,114	18	2,556	1,957
	2-1/2	2-7/8	0.203	40	5.79	2.63	18	2,189	994	18	2,501	1,136	18	4,194	1,908
			0.120	10	4.33	1.96	24	2,182	989	24	2,494	1,128	14	2,436	1,102
	3	3-1/2	0.216	40	7.58	3.44	14	2,226	1,011	14	2,548	1,156	14	4,256	1,932
			0.120	10	4.97	2.25	19	1,983	898	19	2,266	1,026	19	3,777	1,710
	3-1/2	4	0.226	40	9.11	4.13	11	2,104	954	11	2,409	1,090	11	4,026	1,826
			0.120	10	5.61	2.54	19	2,242	1,013	19	2,565	1,159	10	3,480	1,580
	4	4-1/2	0.237	40	10.8	4.89	10	2,270	1,030	10	2,590	1,170	10	4,340	1,960
			0.134	10	7.77	3.52	10	1,632	739	10	1,865	845	10	3,108	1,408
	5	5-9/16	0.258	40	14.6	6.63	10	3,070	1,392	10	3,510	1,590	10	5,870	2,660
			0.134	10	9.29	4.21	7	1,365	619	7	1,561	707	7	2,612	1,184
6	6-5/8	0.188	-	12.92	5.86	7	1,899	861	7	2,171	985	7	3,633	1,648	
		0.250	-	17.02	7.72	7	2,502	1,135	7	2,859	1,297	7	4,785	2,170	
		0.280	40	18.97	8.61	7	2,786	1,267	7	3,185	1,449	7	5,334	2,422	