

**Tubos Retangulares**

Espessura da parede (mm) e Peso por Metro (kg/m)

Bitola	1	1,2	1,5	2	2,5	3
15 x 30	0,693	0,8256	1,0207	1,3358	1,6383	1,9283
20 x 10	0,4536	0,5383	0,6616	0,857	1,0399	1,2101
25 x 15	0,6132	0,7299	0,901	1,1762	1,4389	1,6889
30 x 10	0,6132	0,7299	0,901	1,1762	1,4389	1,6889
30 x 15	0,693	0,8256	1,0207	1,3358	1,6383	1,9283
30 x 20	0,7728	0,9214	1,1404	1,4954	1,8378	2,1677
35 x 15	0,7728	0,9214	0,1404	1,4954	1,8378	2,1677
35 x 20	0,8526	1,0171	1,2601	1,655	2,0373	2,4071
40 x 10	0,7728	0,9214	1,1404	1,4954	1,8378	2,1677
40 x 15	0,8526	1,0171	1,2601	1,655	2,0373	2,4071
40 x 20	0,9324	1,1129	1,3798	1,8146	2,2368	2,6465
40 x 30	1,092	1,3044	1,6192	2,1338	2,6358	3,1253
50 x 15	1,0122	1,2086	1,4995	1,9742	2,4363	2,8859
50 x 20	1,092	1,3044	1,6192	2,1338	2,6358	3,1253
50 x 25	1,1718	1,4001	1,7389	2,2934	2,8353	3,3647
50 x 30	1,2516	1,4959	1,8586	2,453	3,0348	3,604
60 x 10	1,092	1,3044	1,6192	2,1338	2,6358	3,1253
60 x 30	1,4112	1,6874	2,098	2,7721	3,4338	4,0828
60 x 40	1,5708	1,8789	2,3374	3,0913	3,8328	4,5616
70 x 20	1,4112	1,6874	2,098	2,7721	3,4338	4,0828
70 x 25	1,491	1,7832	2,2177	2,9317	3,6333	4,3222
70 x 30	1,5708	1,8789	2,3374	3,0913	3,8328	4,5616
70 x 50	1,89	2,262	2,8161	3,7297	4,6307	5,5192
80 x 20	1,5708	1,8789	2,3374	3,0913	3,8328	4,5616
80 x 40	1,89	2,262	2,8161	3,7297	4,6307	5,5192
80 x 60	2,2092	2,645	3,2949	4,3681	5,4287	6,4767
100 x 40	2,2092	2,645	3,2949	4,3681	5,4287	6,4767
100 x 50	2,3688	2,8365	3,5343	4,6873	5,8277	6,9555
100 x 60	2,5284	3,028	3,7737	5,0065	6,2267	7,4343
150 x 50	3,1667	3,794	4,7313	6,2832	7,8226	9,3494

**Tubos Quadrados**

Espessura da parede (mm) e Peso por Metro (kg/m)

Bitola	1	1,2	1,5	2	2,5	3
10 x 10	0,2941	0,3468	0,4222	0,5378	0,6409	0,7314
12 x 12	0,3579	0,4234	0,518	0,6655	0,8005	0,9229
15 x 15	0,4536	0,5383	0,6616	0,857	1,0399	1,2101
20 x 20	0,6132	0,7299	0,901	1,1762	1,4389	1,6889
25 x 25	0,7728	0,9214	1,1404	1,4954	1,8378	2,1677
30 x 30	0,9324	1,1129	1,3798	1,8146	2,2368	2,6465
35 x 35	1,092	1,3044	1,6192	2,1338	2,6358	3,1253
38 x 38	1,1878	1,4193	1,7628	2,3253	2,8752	3,4125
40 x 40	1,2516	1,4959	1,8586	2,453	3,0348	3,604
50 x 50	1,5708	1,8789	2,3374	3,0913	3,8328	4,5616
60 x 60	1,89	2,262	2,8161	3,7297	4,6307	5,5192
70 x 70	2,2092	2,645	3,2949	4,3681	5,4287	6,4767
80 x 80	2,5284	3,028	3,7737	5,0065	6,2267	7,4343
100 x 100	3,1667	3,794	4,7312	6,2832	7,8226	9,3494

**Tubos OD**

Diâmetro Externo

Espessuras da parede (mm) e Peso por Metro (kg/m)

Polegada	mm	0,5	0,7	0,89	1	1,2	1,24	1,5	1,65	2	2,11	2,5	3
1/4"	6,35	0,0735	0,0994		0,1345	0,1553	0,1593	0,1828		0,2187		0,2419	0,2526
3/8"	9,53	0,1135	0,1553		0,2144	0,2512	0,2584	0,3027		0,3785		0,4417	0,4924
1/2"	12,7	0,1533	0,2111		0,2941	0,3468	0,3571	0,4222		0,5378		0,6409	0,7314
5/8"	15,87	0,1931	0,2669		0,3737	0,4424	0,4559	0,5417		0,6972		0,8401	0,9704
3/4"	19,05	0,2331	0,3228		0,4536	0,5383	0,555	0,6616		0,857		1,0399	1,2101
7/8"	22,22	0,2729	0,3786		0,5333	0,6339	0,6538	0,7811		1,0164		1,239	1,4492
1"	25,4	0,3129	0,4345		0,6132	0,7299	0,7529	0,901		1,1762		1,4389	1,6889
1.1/8"	28,6	0,3531	0,4908		0,6937	0,8264	0,8527	1,0216		1,3371		1,6399	1,9302
1.1/4"	31,75	0,3927	0,5463		0,7728	0,9214	0,9508	1,1404		1,4954		1,8378	2,1677
1.1/2"	38,1	0,4725	0,658		0,9324	1,1129	1,1487	1,3798		1,8146		2,2368	2,6465
1.3/4"	44,45	0,5523	0,7697		1,092	1,3044	1,3466	1,6192		2,1338		2,6358	3,1253
2"	50,8	0,6321	0,8814		1,2516	1,4959	1,5445	1,8586		2,453		3,0348	3,604
2.1/2"	63,5	0,7917	1,1048		1,5708	1,8789	1,9403	2,3374		3,0913		3,8328	4,5616
3"	76,2	0,9513	1,3283		1,89	2,262	2,3361	2,8161		3,7297		4,6307	5,5192
4"	101,6	1,2705	1,7751		2,5284	3,028	3,1277	3,7737		5,0065		6,2267	7,4343
5"	127	1,5896	2,222		3,1667	3,794	3,9193	4,7312		6,2832		7,8226	9,3494
6"	152,4	1,9088	2,6689		3,8051	4,5601	4,7109	5,6888		7,5599		9,4185	11,2645
8"	203,2	2,5472	3,5626		5,0819	6,0922	6,294	6,6039		10,1134		12,6104	15,0948
10"	254	3,1856	4,4563		6,3586	7,6243	7,8772	9,519		12,6669		15,9022	18,925
12"	304,8	38,240	5,35		7,6353	9,1564	9,4603	11,4342		15,2204		18,9941	22,7552

