

ASTM B505 Tubes and Solids

NOMINAL SIZE I.D.	x	O.D.	WEIGHT PER INCH	WEIGHT PER FOOT
3/4	x	1 1/4	0.278	3.333
		1 1/2	0.431	5.167
		1 3/4	0.611	7.333
		2	0.819	9.833
7/8	x	1 1/4	0.243	2.917
1	x	1 3/8	0.271	3.250
		1 1/2	0.347	4.167
		1 3/4	0.528	6.333
		2	0.736	8.833
		2 1/4	0.972	11.667
		2 1/2	1.236	14.833
		3	1.840	22.083
		3 1/2	2.618	31.417
		4	3.438	41.250
1 1/4	x	1 3/4	0.417	5.000
		2	0.625	7.500
		2 1/4	0.861	10.333
		2 1/2	1.118	13.417
		2 3/4	1.396	16.750
		3	1.729	20.750
		3 1/2	2.514	30.167
1 1/2	x	1 7/8	0.382	4.583
		2	0.486	5.833
		2 1/4	0.722	8.667
		2 1/2	0.986	11.833
		2 3/4	1.278	15.333
		3	1.590	19.083
		3 1/2	2.389	28.667
		4	3.201	38.417
		4 1/2	4.132	49.583
1 3/4	x	2 1/8	0.438	5.250
		2 1/4	0.556	6.667
		2 1/2	0.806	9.667
		2 3/4	1.111	13.333
		3	1.431	17.167
		3 1/4	1.854	22.250
		3 1/2	2.257	27.08
		3 3/4	2.611	31.333
		4	2.965	35.583
2	x	2 3/8	0.493	5.917
		2 1/2	0.625	7.500
		2 3/4	0.910	10.917
		3	1.243	14.917
		3 1/4	1.681	20.167
		3 1/2	2.042	24.500
		3 3/4	2.438	29.250
		4	2.861	34.333
		4 1/2	3.799	45.583
		5	4.917	59.000
		6	7.507	90.083
2 1/4	x	2 5/8	0.549	6.583
		2 3/4	0.694	8.333
		3	1.007	12.083
		3 1/4	1.458	17.500
		3 1/2	1.826	21.917
		3 3/4	2.243	26.917
		4	2.674	32.083

NOMINAL SIZE I.D.	x	O.D.	WEIGHT PER INCH	WEIGHT PER FOOT
2 1/2	x	3	0.771	9.250
		3 1/4	1.208	14.500
		3 1/2	1.590	19.083
		3 3/4	1.986	23.833
		4	2.417	29.000
		4 1/2	3.333	40.000
		5	4.472	53.667
		6	7.076	84.917
2 3/4	x	3 1/4	0.951	11.417
		3 1/2	1.306	15.667
		3 3/4	1.729	20.750
		4	2.146	25.750
		4 1/4	2.590	31.083
		4 1/2	3.042	36.500
3	x	3 1/2	1.021	12.250
		3 3/4	1.431	17.167
		4	1.854	22.250
		4 1/4	2.299	27.583
		4 1/2	2.785	33.417
		5	3.924	47.083
		5 1/2	5.090	61.083
		6	6.549	78.583
		7	9.396	112.750
3 1/4	x	3 3/4	1.111	13.333
		4	1.535	18.417
		4 1/2	2.451	29.417
		5	3.611	43.333
3 1/2	x	4	1.208	14.500
		4 1/4	1.653	19.833
		4 1/2	2.125	25.500
		5	3.264	39.167
		5 1/2	4.417	53.000
		6	5.882	70.583
3 3/4	x	4 3/4	2.313	27.750
4	x	4 1/2	1.361	16.333
		4 3/4	1.972	23.667
		5	2.528	30.333
		5 1/2	3.667	44.000
		6	5.139	61.667
		7	7.993	95.917
		8	11.222	134.667
4 1/4	x	5	2.104	25.250
4 1/2	x	5	1.708	20.500
		5 1/4	2.181	26.167
		5 1/2	2.819	33.833
		6	4.301	51.667
		6 1/2	5.639	67.667
		7 1/2	8.729	104.750
5	x	5 1/2	1.840	22.083
		5 3/4	2.660	31.917
		6	3.361	40.333
		6 1/2	4.722	56.667
		7	6.201	74.417
		8	9.431	113.167
5 1/2	x	6 1/2	3.639	43.667

NOMINAL SIZE I.D.	x	O.D.	WEIGHT PER INCH	WEIGHT PER FOOT
6	x	7	3.986	47.833
		8	7.236	86.833
		9	10.868	130.417
6 1/2	x	7 1/2	4.271	51.250
7	x	8	4.556	54.667
		9	8.257	99.083

SIZE O.D.	WEIGHT PER INCH	WEIGHT PER FOOT
Solids		
1/2	0.069	0.833
5/8	0.097	1.167
3/4	0.139	1.667
7/8	0.188	2.250
1	0.243	2.917
1 1/4	0.368	4.417
1 1/2	0.521	6.250
1 5/8	0.611	7.333
1 3/4	0.701	8.417
2	0.910	10.917
2 1/4	1.146	13.750
2 1/2	1.396	16.750
2 3/4	1.688	20.250
3	2.000	24.000
3 1/4	2.389	28.667
3 1/2	2.771	33.250
3 3/4	3.153	37.833
4	3.576	42.917
4 1/4	4.035	48.417
4 1/2	4.500	54.000
4 3/4	5.083	61.000
5	5.625	67.500
5 1/2	6.764	81.167
6	8.194	98.333
6 1/2	9.556	114.667
7	11.049	132.583
8	14.333	172.000
9	18.007	216.083

ASTM B505 Rectangles and Squares

NOMINAL SIZE THICKNESS	x WIDTH	WEIGHT PER INCH	WEIGHT PER FOOT
1/4	x 1	0.103	1.233
	1 1/2	0.144	1.726
	2	0.192	2.301
	2 1/2	0.240	2.877
	3	0.281	3.370
	4	0.377	4.521
	5	0.459	5.507
	6	0.596	7.151
	12	1.130	13.562
3/8	x 1	0.137	1.644
	1 1/2	0.199	2.384
	2	0.260	3.123
	2 1/2	0.322	3.863
	3	0.384	4.603
	3 1/2	0.452	5.425
	4	0.507	6.082
	5	0.630	7.562
	6	0.795	9.534
	8	1.041	12.493
	12	1.521	18.247
1/2	x 1/2	0.089	1.068
	1	0.171	2.055
	1 1/4	0.212	2.548
	1 1/2	0.253	3.041
	2	0.329	3.945
	2 1/2	0.411	4.932
	3	0.486	5.836
	3 1/2	0.568	6.822
	4	0.644	7.726
	5	0.801	9.616
	6	0.993	11.918
	8	1.315	15.781
	10	1.630	19.562
	12	1.938	23.260
5/8	x 1	0.205	2.466
	1 1/2	0.301	3.616
	2	0.397	4.767
	2 1/2	0.493	5.918
	3	0.589	7.068
	4	0.781	9.370
	5	0.973	11.671
	6	1.199	14.384
	8	1.562	18.740

NOMINAL SIZE THICKNESS	x WIDTH	WEIGHT PER INCH	WEIGHT PER FOOT
3/4	x 3/4	0.192	2.301
	1	0.247	2.959
	1 1/2	0.356	4.274
	2	0.466	5.589
	2 1/2	0.582	6.986
	3	0.692	8.301
	3 1/2	0.801	9.616
	4	0.918	11.014
	5	1.144	13.726
	6	1.404	16.849
	8	1.836	22.027
	12	2.678	32.137
1	x 1	0.315	3.781
	1 1/4	0.390	4.685
	1 1/2	0.459	5.507
	1 3/4	0.534	6.411
	2	0.610	7.315
	2 1/2	0.753	9.041
	3	0.897	10.767
	3 1/2	1.041	12.493
	4	1.192	14.301
	5	1.479	17.753
	6	1.801	21.616
	7	2.068	24.822
	8	2.370	28.438
	12	3.493	41.918
	15	4.925	59.096
1 1/4	x 1 1/4	0.473	5.671
	1 1/2	0.568	6.822
	1 3/4	0.658	7.890
	2	0.747	8.959
	2 1/2	0.925	11.096
	3	1.103	13.233
	3 1/2	1.281	15.370
	4	1.466	17.589
	5	1.808	21.699
	10	3.637	43.644
1 1/2	x 1 1/2	0.671	8.055
	1 3/4	0.774	9.288
	2	0.890	10.685
	2 1/2	1.103	13.233
	3	1.308	15.699
	3 1/2	1.527	18.329
	4	1.740	20.877
	5	2.144	25.726
	6	2.651	31.808
	12	5.130	61.562
	15	6.911	82.932

NOMINAL SIZE THICKNESS	x WIDTH	WEIGHT PER INCH	WEIGHT PER FOOT
1 3/4	x 2	1.027	12.329
	2 1/2	1.274	15.288
	3	1.514	18.164
	4	2.014	24.164
	5	2.507	30.082
	10	5.007	60.082
2	x 2	1.171	14.055
	2 1/2	1.445	17.342
	3	1.726	20.712
	3 1/2	2.000	24.000
	4	2.295	27.534
	6	3.459	41.507
	12	6.870	82.438
	15	8.918	107.014
2 1/2	x 2 1/2	1.795	21.534
	3	2.137	25.644
	4	2.836	34.027
	5	3.527	42.329
	6	4.240	50.877
	12	8.445	101.342
	15	11.075	132.904
3	x 3	2.541	30.493
	4	3.384	40.603
	6	5.089	61.068
	15	13.123	157.479
3 1/2	x 15	15.151	181.808
4	x 4	4.466	53.589
	15	17.226	206.712
6	x 6	9.986	119.836