

# C93200

Cast

## ASTMB505 Tubes

NOMINAL SIZE I.D.	x O.D.	WEIGHT PER INCH	WEIGHT PER FOOT
1/2	x 1	0.224	2.692
	1 1/8	0.291	3.589
	1 1/4	0.383	4.598
	1 3/8	0.458	5.495
	1 1/2	0.561	6.729
	1 3/4	0.766	9.196
	2	1.019	12.224
5/8	x 1	0.187	2.243
	1 1/8	0.262	3.140
	1 1/4	0.346	4.150
	1 3/8	0.439	5.271
	1 1/2	0.533	6.393
	1 3/4	0.738	8.860
	2	0.981	11.776
3/4	x 1	0.140	1.682
	1 1/8	0.215	2.579
	1 1/4	0.308	3.701
	1 3/8	0.393	4.710
	1 1/2	0.495	5.944
	1 5/8	0.579	6.953
	1 3/4	0.701	8.411
	2	0.944	11.327
	2 1/4	1.215	14.579
	2 1/2	1.523	18.280
7/8	x 1 1/8	0.168	2.019
	1 1/4	0.262	3.140
	1 3/8	0.336	4.037
	1 1/2	0.449	5.383
	1 5/8	0.551	6.617
	1 3/4	0.645	7.738
	1 7/8	0.776	9.308
	2	0.897	10.766
	2 1/4	1.168	14.019
1	x 1 1/4	0.187	2.243
	1 3/8	0.290	3.477
	1 1/2	0.393	4.710
	1 5/8	0.495	5.944
	1 3/4	0.607	7.290
	1 7/8	0.720	8.636
	2	0.850	10.206
	2 1/4	1.112	13.346
	2 3/8	1.262	15.140
	2 1/2	1.421	17.047
	2 3/4	1.757	21.084
	3	2.131	25.570
	3 1/4	2.523	30.280
	3 1/2	2.963	35.551
	4	4.000	48.000

NOMINAL SIZE I.D.	x O.D.	WEIGHT PER INCH	WEIGHT PER FOOT
1 1/8	x 1 3/8	0.206	2.467
	1 1/2	0.308	3.701
	1 5/8	0.411	4.935
	1 3/4	0.533	6.393
	2	0.785	9.421
	2 1/8	0.907	10.879
	2 1/4	1.056	12.673
	2 1/2	1.336	16.037
	2 7/8	1.841	22.093
1 1/4	x 1 1/2	0.234	2.804
	1 5/8	0.336	4.037
	1 3/4	0.467	5.607
	1 7/8	0.589	7.065
	2	0.710	8.523
	2 1/8	0.841	10.093
	2 1/4	0.981	11.776
	2 1/2	1.290	15.477
	2 3/4	1.626	19.514
	3	2.000	24.000
	3 1/4	2.411	28.935
	3 1/2	2.832	33.981
	4	3.869	46.430
1 3/8	x 1 5/8	0.271	3.252
	1 3/4	0.364	4.374
	1 7/8	0.486	5.832
	2	0.636	7.626
	2 1/8	0.766	9.196
	2 1/4	0.907	10.879
	2 3/8	1.065	12.785
	2 1/2	1.206	14.467
	2 5/8	1.383	16.598
	3	1.879	22.542
1 1/2	x 1 3/4	0.280	3.364
	1 7/8	0.393	4.710
	2	0.551	6.617
	2 1/8	0.673	8.075
	2 1/4	0.822	9.869
	2 3/8	0.981	11.776
	2 1/2	1.131	13.570
	2 3/4	1.458	17.495
	3	1.841	22.093
	3 1/4	2.252	27.028
	3 1/2	2.664	31.963
	3 3/4	3.150	37.794
	4	3.710	44.523
	4 1/2	4.776	57.308
1 5/8	x 2	0.430	5.159
	2 1/8	0.579	6.953
	2 1/4	0.729	8.748
	2 3/8	0.879	10.542
	2 1/2	1.028	12.336
	2 5/8	1.196	14.355
	2 3/4	1.355	16.262
	3	1.748	20.972

NOMINAL SIZE I.D.	x O.D.	WEIGHT PER INCH	WEIGHT PER FOOT
1 3/4	x 2	0.327	3.925
	2 1/8	0.477	5.720
	2 1/4	0.626	7.514
	2 3/8	0.776	9.308
	2 1/2	0.935	11.215
	2 5/8	1.084	13.009
	2 3/4	1.262	15.140
	3	1.645	19.738
	3 1/4	2.056	24.673
	3 1/2	2.486	29.832
	3 3/4	2.879	34.542
	4	3.533	42.393
	4 1/4	4.019	48.224
1 7/8	x 2 1/4	0.514	6.168
	2 3/8	0.673	8.075
	2 1/2	0.822	9.869
	2 5/8	0.972	11.664
	2 3/4	1.159	13.907
	3	1.495	17.944
2	x 2 1/4	0.355	4.262
	2 3/8	0.551	6.617
	2 1/2	0.710	8.523
	2 5/8	0.869	10.430
	2 3/4	1.037	12.449
	2 7/8	1.215	14.579
	3	1.430	17.159
	3 1/4	1.832	21.981
	3 1/2	2.252	27.028
	3 3/4	2.738	32.864
	4	3.308	39.701
	4 1/2	4.364	52.374
	5	5.533	66.393
	5 1/2	7.009	84.112
	6	8.467	101.607
2 1/8	x 2 5/8	0.738	8.860
	2 3/4	0.879	10.542
	2 7/8	1.093	13.121
	3	1.299	15.589
	3 1/2	2.121	25.458
2 1/4	x 2 3/4	0.785	9.421
	2 7/8	0.953	11.439
	3	1.150	13.794
	3 1/8	1.327	15.925
	3 1/4	1.570	18.841
	3 1/2	2.000	24.000
	3 3/4	2.467	29.607
	4	3.056	36.673
	4 1/4	3.533	42.393



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## ASTMB505 Tubes

NOMINAL SIZE		WEIGHT PER INCH	WEIGHT PER FOOT	NOMINAL SIZE		WEIGHT PER INCH	WEIGHT PER FOOT	NOMINAL SIZE		WEIGHT PER INCH	WEIGHT PER FOOT	
I.D.	x O.D.			I.D.	x O.D.			I.D.	x O.D.			
2 3/8	x 2 3/4	0.589	7.065	3 1/2	x 4	1.234	14.804	5 1/4	x 7	6.084	73.009	
	2 7/8	0.813	9.757		4 1/4	1.804	21.645					
	3	1.009	12.112		4 1/2	2.346	28.150	5 1/2	x 6	2.103	25.234	
	3 1/4	1.355	16.262		4 3/4	2.897	34.766		6 1/2	3.692	44.299	
	3 1/2	1.785	21.421		5	3.523	42.280		7	5.421	65.047	
	4	2.841	34.093		5 1/4	4.336	52.037		7 1/2	7.262	87.140	
					5 1/2	5.065	60.785		8	9.224	110.692	
					6	6.495	77.944					
2 1/2	x 2 3/4	0.439	5.271		6 1/2	8.093	97.121	5 3/4	x 6 3/4	3.832	45.981	
	3	0.869	10.430						7 1/4	5.636	67.626	
	3 1/8	1.065	12.785						7 1/2	6.561	78.729	
	3 1/4	1.280	15.364	3 3/4	x 4 1/2	1.916	22.991		8 1/2	10.654	127.850	
	3 1/2	1.720	20.636		4 3/4	2.449	29.383					
	3 3/4	2.187	26.243		5	3.065	36.785	6	x 6 1/2	2.252	27.028	
	4	2.776	33.308		5 1/2	4.636	55.626		6 3/4	3.121	37.458	
	4 1/4	3.318	39.813		6	6.056	72.673		7	3.991	47.888	
	4 1/2	3.804	45.645						7 1/4	4.907	58.879	
	4 3/4	4.355	52.262	4	x 4 1/2	1.393	16.710		7 1/2	5.832	69.981	
	5	5.019	60.224		4 3/4	1.972	23.664		8	7.804	93.645	
	5 1/2	6.467	77.607		5	2.598	31.178		8 1/2	9.916	118.991	
	6	7.953	95.439		5 1/4	3.430	41.159		9	12.112	145.346	
					5 1/2	4.121	49.458		10	17.103	205.234	
2 5/8	x 3 1/2	1.542	18.505		6	5.589	67.065		11	22.421	269.047	
					6 1/2	7.178	86.131		12	28.271	339.252	
					7	8.907	106.879					
2 3/4	x 3 1/4	0.944	11.327		7 1/2	10.748	128.972	6 1/2	x 7 1/4	3.374	40.486	
	3 1/2	1.364	16.374		8	12.710	152.523		7 1/2	4.299	51.589	
	3 3/4	1.850	22.206		9	17.000	204.000		8	6.262	75.140	
	4	2.449	29.383						8 1/2	8.374	100.486	
	4 1/4	3.000	36.000	4 1/4	x 4 3/4	1.467	17.607		9	10.589	127.065	
	4 1/2	3.495	41.944		5	2.084	25.009		9 1/2	13.093	157.121	
	4 3/4	4.056	48.673		5 1/4	2.935	35.215					
	5 3/4	6.981	83.776		5 1/2	3.617	43.402		7	x 7 3/4	3.589	43.065
					6	5.093	61.121			8	4.598	55.178
2 7/8	x 4	2.299	27.589		6 1/2	6.673	80.075			8 1/2	6.692	80.299
										9	8.916	106.991
3	x 3 1/2	0.963	11.551							9 1/2	11.421	137.047
	3 3/4	1.495	17.944	4 1/2	x 5	1.650	19.800			10	13.897	166.766
	4	2.112	25.346		5 1/4	2.346	28.150			11	19.271	231.252
	4 1/4	2.664	31.963		5 1/2	3.103	37.234			12	25.168	302.019
	4 1/2	3.140	38.000		6	4.551	54.617					
	4 3/4	3.738	44.860		6 1/2	6.159	73.907	7 1/2	x 8 1/2	4.916	58.991	
	5	4.346	52.150		7	7.860	94.318			9	7.112	85.346
	5 1/2	5.869	70.430							9 1/2	9.617	115.402
	6	7.280	87.364	4 3/4	x 5 1/4	1.822	21.869			10	12.019	144.224
	6 1/2	8.888	106.654		5 1/2	2.523	30.280			10 1/2	14.757	177.084
	7	10.607	127.290		5 3/4	3.234	38.804					
	8	14.402	172.822		6	3.972	47.664					
					6 1/2	5.579	66.953					
3 1/4	x 3 3/4	1.037	12.449									
	4	1.710	20.523	5	x 5 1/2	1.925	23.103		8	x 9	5.308	63.701
	4 1/4	2.271	27.252		5 3/4	2.636	31.626			9 1/4	6.505	78.056
	4 1/2	2.720	32.636		6	3.393	40.710			9 1/2	7.729	92.748
	4 3/4	3.318	39.813		6 1/2	5.000	60.000			10	10.196	122.355
	5	3.925	47.103		7	6.710	80.523			10 1/2	12.841	154.093
	5 1/2	5.439	65.271		7 1/2	8.561	102.729			11	15.561	186.729
					8	10.505	126.056			12	21.421	257.047
					9	14.813	177.757			13	28.383	340.598
					10	20.056	240.673					
					11	26.067	312.800					



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Cast

## ASTMB505 Tubes and Solids

NOMINAL SIZE I.D. x O.D.	WEIGHT PER INCH	WEIGHT PER FOOT
8 1/2 x 9 1/2	5.869	70.430
	8.159	97.907
	10.738	128.860
11 1/2	16.748	200.972
9 x 10	6.159	73.907
	8.589	103.065
	8.673	104.075
	11.327	135.925
	14.224	170.692
	17.290	207.477
14	31.952	383.429
9 1/2 x 10 1/2	6.477	77.720
	9.075	108.897
	11.850	142.206
	18.355	220.262
10 x 11	6.794	81.533
	9.533	114.393
	12.551	150.617
	19.159	229.907
	26.019	312.224
	42.848	514.171
10 1/2 x 11 1/2	7.065	84.785
	9.925	119.103
	13.364	160.374
	16.701	200.411
11 x 12	7.486	89.832
	10.879	130.542
	13.953	167.439
	20.841	250.093
11 1/2 x 13	11.140	133.682
	14.542	174.505
	21.570	258.841
12 x 13 1/2	11.813	141.757
	15.131	181.570
	22.477	269.720
	31.686	380.229

NOMINAL SIZE I.D. x O.D.	WEIGHT PER INCH	WEIGHT PER FOOT
12 1/2 x 14	12.093	145.121
13 x 14 1/2	12.486	149.832
	16.542	198.505
	25.324	303.886
13 1/2 x 15 1/2	16.907	202.879
14 x 15 1/2	13.430	161.159
	17.692	212.299

SIZE O.D.	WEIGHT PER INCH	WEIGHT PER FOOT
Solids		
1/2	0.075	0.897
5/8	0.112	1.346
3/4	0.159	1.907
7/8	0.215	2.579
1	0.271	3.252
1 1/8	0.346	4.150
1 1/4	0.421	5.047
1 3/8	0.579	6.953
1 1/2	0.607	7.290
1 5/8	0.701	8.411
1 3/4	0.813	9.757
1 7/8	0.925	11.103
2	1.056	12.673
2 1/8	1.187	14.243
2 1/4	1.327	15.925
2 3/8	1.477	17.720
2 1/2	1.636	19.626
2 5/8	1.794	21.533
2 3/4	1.972	23.664
2 7/8	2.150	25.794
3	2.346	28.150
3 1/4	2.738	32.860
3 1/2	3.168	38.019
3 3/4	3.636	43.626
4	4.178	50.131
4 1/4	4.710	56.523
4 1/2	5.271	63.252
4 3/4	5.841	70.093
5	6.439	77.271
5 1/4	7.206	86.467
5 1/2	7.916	94.991
6	9.336	112.037
6 1/2	10.907	130.879
7	12.636	151.626
7 1/2	14.486	173.832
8	16.411	196.935
9	20.673	248.075
10	25.607	307.290
11	30.822	369.869
12	35.701	428.411
13	43.215	518.579

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**Cast**

## ASTMB505 Rectangles and Squares

NOMINAL SIZE		WEIGHT PER INCH	WEIGHT PER FOOT	
THICKNESS	x WIDTH			
1/4	x 4	0.466	5.589	
	8	0.986	11.836	
	12	1.445	17.342	
3/8	x 4	0.630	7.562	
	8	1.308	15.669	
	12	1.932	23.178	
1/2	x 1	0.226	2.712	
	2	0.432	5.178	
	3	0.637	7.644	
	4	0.788	9.452	
	5	1.048	12.575	
	6	1.274	15.288	
	7	1.452	17.425	
	8	1.623	19.479	
	9	1.863	22.356	
	10	2.048	24.575	
	12	2.507	30.082	
	14	2.856	34.274	
	15	2.993	35.918	
	5/8	x 1	0.281	3.370
		2	0.521	6.247
3		0.767	9.205	
4		0.966	11.589	
5		1.260	15.123	
6		1.507	18.082	
7		1.753	21.041	
8		1.932	23.178	
9		2.247	26.959	
10		2.493	29.918	
12		2.986	35.836	
14		3.479	41.753	
15		3.603	43.233	

NOMINAL SIZE		WEIGHT PER INCH	WEIGHT PER FOOT	
THICKNESS	x WIDTH			
3/4	x 1	0.322	3.863	
	2	0.610	7.315	
	3	0.897	10.767	
	4	1.123	13.479	
	5	1.466	17.589	
	6	1.726	20.712	
	7	2.034	24.411	
	8	2.281	27.370	
	9	2.610	31.315	
	10	2.849	34.192	
	12	3.377	40.521	
	14	4.034	48.411	
	16	4.562	54.740	
	18	4.979	59.753	
	1	x 1	0.418	5.014
		2	0.712	8.548
		3	1.048	12.575
		4	1.466	17.589
5		1.884	22.603	
6		2.253	27.041	
7		2.616	31.397	
8		2.932	35.178	
9		3.349	40.192	
10		3.658	43.890	
11		4.089	49.068	
12		4.267	51.205	
1 1/4	x 1	0.507	6.082	
	2	0.959	11.507	
	3	1.411	16.932	
	4	1.788	21.452	
	5	2.315	27.781	
	6	2.767	33.205	
	7	3.219	38.630	
	8	3.596	43.151	
	9	4.123	49.479	
	10	4.575	54.904	
	11	5.027	60.329	
	12	5.390	64.685	
13	5.925	71.096		
14	6.377	76.521		
15	6.671	80.055		

NOMINAL SIZE		WEIGHT PER INCH	WEIGHT PER FOOT
THICKNESS	x WIDTH		
1 1/2	x 2	1.021	12.247
	3	1.514	18.164
	4	2.123	25.479
	5	2.575	30.904
	6	3.158	37.890
	7	3.671	44.055
	8	4.240	50.877
	9	4.705	56.466
	10	5.219	62.630
	11	5.740	68.877
	12	6.411	76.932
	1 3/4	x 4	2.445
8		4.918	59.014
12		7.253	87.041
2	x 4	2.781	33.370
	8	5.562	66.740
	11	7.562	90.740
	12	8.322	99.863
3	x 11	11.096	133.151
4	x 4	5.384	64.603
	11	14.651	175.808
6	x 10	19.836	238.027
6 1/4	x 6 1/4	13.062	156.740
8	x 8	21.137	253.644
10	x 12	19.836	238.077