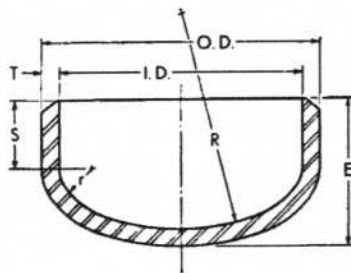


cap



dimensions: All dimensions in inches and are in accordance with ASA B16.9 and MSS-SP-48 where established.

pressure-temperature rating: Identical with those of seamless pipe of same size, thickness, and material grade.

footnotes: *Pipe schedule numbers in accordance with ASA B36.10.

▲This size and thickness does not correspond with any schedule number.

nominal pipe size	length E	outside diameter O. D.	inside diameter I. D.	wall thickness T	tangent S	dish radius R	knuckle radius r	pipe schedule number*	weight (approx) lb
standard									
1/2	1	.840	.622	.109	.74	.54	.10	40	.1
3/4	1	1.050	.824	.113	.93	.72	.14	40	.2
1	1 1/2	1.315	1.049	.133	1.10	.92	.17	40	.3
1 1/4	1 1/2	1.660	1.380	.140	1.02	1.35	.23	40	.4
1 1/2	1 1/2	1.900	1.610	.145	.95	1.41	.27	40	.4
2	1 1/2	2.375	2.067	.154	.83	1.81	.34	40	.6
2 1/2	1 1/2	2.875	2.469	.203	.68	2.15	.41	40	.9
3	2	3.500	3.068	.216	1.02	2.69	.51	40	1.4
3 1/2	2 1/2	4.000	3.548	.226	1.39	3.11	.59	40	2.1
4	2 1/2	4.500	4.026	.237	1.26	3.52	.67	40	2.5
5	3	5.563	5.047	.258	1.48	4.42	.84	40	4.2
6	3 1/2	6.625	6.065	.280	1.70	5.31	1.01	40	6.4
8	4	8.625	7.981	.322	1.68	6.98	1.33	40	11.3
10	5	10.750	10.020	.365	2.13	8.77	1.67	40	20.0
12	6	12.750	12.000	.375	2.62	10.50	2.00	▲	29.5
14	6 1/2	14.000	13.250	.375	2.81	11.60	2.21	30	35.3
16	7	16.000	15.250	.375	2.81	13.34	2.54	30	44.3
18	8	18.000	17.250	.375	3.31	15.08	2.88	▲	57
20	9	20.000	19.250	.375	3.81	16.84	3.21	20	71
22	10	22.000	21.250	.375	4.31	18.60	3.54	▲	86
24	10 1/2	24.000	23.250	.375	4.31	20.35	3.88	20	102
26	10 1/2	26.000	25.250	.375	3.81	22.10	4.21	▲	110
28	10 1/2	28.000	27.250	.375	3.31	23.85	4.54	▲	120
30	10 1/2	30.000	29.250	.375	2.81	25.60	4.88	▲	125
32	10 1/2	32.000	31.250	.375	2.31	27.35	5.21	▲	145
34	10 1/2	34.000	33.250	.375	1.81	29.10	5.54	▲	160
36	10 1/2	36.000	35.250	.375	1.31	30.85	5.88	▲	175
42	12	42.000	41.250	.375	1.31	36.10	6.88	▲	230

cap

nominal pipe size	length E	outside diameter O. D.	inside diameter I. D.	wall thickness T	tangent S	dish radius R	knuckle radius r	pipe schedule number*	weight (approx) lb
extra strong									
1/2	1	.840	.546	.147	.72	.48	.09	80	.1
3/4	1	1.050	.742	.154	.91	.65	.12	80	.2
1	1 1/2	1.315	.957	.179	1.08	.83	.16	80	.3
1 1/4	1 1/2	1.660	1.278	.191	.99	1.12	.21	80	.4
1 1/2	1 1/2	1.900	1.500	.200	.92	1.31	.25	80	.5
2	1 1/2	2.375	1.939	.218	.80	1.70	.32	80	.7
2 1/2	1 1/2	2.875	2.323	.276	.64	2.01	.39	80	1.0
3	2	3.500	2.900	.300	.98	2.56	.48	80	1.8
3 1/2	2 1/2	4.000	3.364	.318	1.34	2.94	.56	80	2.8
4	2 1/2	4.500	3.826	.337	1.21	3.35	.64	80	3.4
5	3	5.563	4.813	.375	1.42	4.22	.80	80	5.7
6	3 1/2	6.625	5.761	.432	1.63	5.04	.96	80	9.2
8	4	8.625	7.625	.500	1.59	6.68	1.27	80	16.3
10	5	10.750	9.750	.500	2.06	8.54	1.62	60	26.3
12	6	12.750	11.750	.500	2.56	10.28	1.96	▲	38.1
14	6 1/2	14.000	13.000	.500	2.75	11.39	2.17	▲	45.9
16	7	16.000	15.000	.500	2.75	13.12	2.50	40	57
18	8	18.000	17.000	.500	3.25	14.86	2.83	▲	74
20	9	20.000	19.000	.500	3.75	16.65	3.17	30	93
22	10	22.000	21.000	.500	4.25	18.38	3.50	▲	115
24	10 1/2	24.000	23.000	.500	4.25	20.13	3.83	▲	134
26	10 1/2	26.000	25.000	.500	3.75	21.88	4.17	▲	145
28	10 1/2	28.000	27.000	.500	3.25	23.63	4.50	▲	160
30	10 1/2	30.000	29.000	.500	2.75	25.38	4.83	▲	175
32	10 1/2	32.000	31.000	.500	2.25	27.13	5.17	▲	190
34	10 1/2	34.000	33.000	.500	1.75	28.88	5.50	▲	210
36	10 1/2	36.000	35.000	.500	1.25	30.63	5.83	▲	235
42	12	42.000	41.000	.500	1.25	35.89	6.83	▲	300

schedule 160

1	1 1/2	1.315	8.15	.250	1.05	.71	.14	160	.4
1 1/4	1 1/2	1.660	1.160	.250	.96	1.00	.20	160	.6
1 1/2	1 1/2	1.900	1.338	.281	.88	1.17	.22	160	.7
2	1 3/4	2.375	1.689	.343	.98	1.47	.28	160	1.1
2 1/2	2	2.875	2.125	.375	1.09	1.90	.35	160	1.9
3	2 1/2	3.500	2.626	.438	1.41	2.29	.44	160	3.5
4	3	4.500	3.438	.531	1.61	3.02	.57	160	6.5
5	3 1/2	5.563	4.313	.625	1.80	3.77	.72	160	11.0
6	4	6.625	5.189	.718	1.98	4.54	.86	160	17.5
8	5	8.625	6.813	.906	2.39	5.96	1.14	160	32.0
10	6	10.750	8.500	1.125	2.25	7.43	1.42	160	59
12	7	12.750	10.126	1.312	2.66	8.85	1.69	160	95

double extra strong

1	1 1/2	1.315	.599	.358	.99	.52	.10	▲	.5
1 1/4	1 1/2	1.660	.896	.382	.89	.79	.15	▲	.6
1 1/2	1 1/2	1.900	1.100	.400	.82	.96	.18	▲	.8
2	1 3/4	2.375	1.503	.436	.94	1.32	.25	▲	1.2
2 1/2	2	2.875	1.771	.552	1.00	1.56	.30	▲	2.0
3	2 1/2	3.500	2.300	.600	1.32	2.01	.38	▲	3.6
3 1/2	3	4.000	2.728	.636	1.68	2.38	.46	▲	5.5
4	3	4.500	3.152	.674	1.54	2.76	.52	▲	6.6
5	3 1/2	5.563	4.063	.750	1.73	3.55	.68	▲	11.0
6	4	6.625	4.897	.864	1.91	4.29	.82	▲	17.5
8	5	8.625	6.875	.875	2.41	5.99	1.15	▲	31.1