



ASTM A53 Table X2.2 Pipe Weight Chart for Plain-End Pipe

NPS	DN	Outside Diameter		Wall Thickness		Plain End Mass		weight Class	Schedule No.
		in	mm	in	mm	lb/ft	kg/m		
1/8	6	0.405	10.3	0.068	1.73	0.24	0.37	STD	40
1/8	6	0.405	10.3	0.095	2.41	0.31	0.47	XS	80
1/4	8	0.540	13.7	0.088	2.24	0.43	0.63	STD	40
1/4	8	0.540	13.7	0.119	3.02	0.54	0.80	XS	80
3/8	10	0.675	17.1	0.091	2.31	0.57	0.84	STD	40
3/8	10	0.675	17.1	0.126	3.20	0.74	1.10	XS	80
1/2	15	0.840	21.3	0.109	2.77	0.85	1.27	STD	40
1/2	15	0.840	21.3	0.147	3.73	1.09	1.62	XS	80
1/2	15	0.840	21.3	0.188	4.78	1.31	1.95	—	160
1/2	15	0.840	21.3	0.294	7.47	1.72	2.55	XXS	—
3/4	20	1.050	26.7	0.113	2.87	1.13	1.69	STD	40
3/4	20	1.050	26.7	0.154	3.91	1.48	2.20	XS	80
3/4	20	1.050	26.7	0.219	5.56	1.95	2.90	—	160
3/4	20	1.050	26.7	0.308	7.82	2.44	3.64	XXS	—
1	25	1.315	33.4	0.133	3.38	1.68	2.50	STD	40
1	25	1.315	33.4	0.179	4.55	2.17	3.24	XS	80
1	25	1.315	33.4	0.250	6.35	2.85	4.24	—	160
1	25	1.315	33.4	0.358	9.09	3.66	5.45	XXS	—
1 1/4	32	1.660	42.2	0.140	3.56	2.27	3.39	STD	40
1 1/4	32	1.660	42.2	0.191	4.85	3.00	4.47	XS	80
1 1/4	32	1.660	42.2	0.250	6.35	3.77	5.61	—	160
1 1/4	32	1.660	42.2	0.382	9.70	5.22	7.77	XXS	—
1 1/2	40	1.900	48.3	0.145	3.68	2.72	4.05	STD	40
1 1/2	40	1.900	48.3	0.200	5.08	3.63	5.41	XS	80
1 1/2	40	1.900	48.3	0.281	7.14	4.86	7.25	—	160
1 1/2	40	1.900	48.3	0.400	10.16	6.41	9.56	XXS	—
2	50	2.375	60.3	0.154	3.91	3.66	5.44	STD	40
2	50	2.375	60.3	0.218	5.54	5.03	7.48	XS	80
2	50	2.375	60.3	0.344	8.74	7.47	11.11	—	160
2	50	2.375	60.3	0.436	11.07	9.04	13.44	XXS	—
2 1/2	65	2.875	73.0	0.203	5.16	5.80	8.63	STD	40
2 1/2	65	2.875	73.0	0.276	7.01	7.67	11.41	XS	80
2 1/2	65	2.875	73.0	0.375	9.52	10.02	14.90	—	160
2 1/2	65	2.875	73.0	0.552	14.02	13.71	20.39	XXS	—
3	80	3.500	88.9	0.125	3.18	4.51	6.72	—	—
3	80	3.500	88.9	0.156	3.96	5.58	8.29	—	—
3	80	3.500	88.9	0.188	4.78	6.66	9.92	—	—
3	80	3.500	88.9	0.216	5.49	7.58	11.29	STD	40
3	80	3.500	88.9	0.250	6.35	8.69	12.93	—	—
3	80	3.500	88.9	0.281	7.14	9.67	14.40	—	—
3	80	3.500	88.9	0.300	7.62	10.26	15.27	XS	80
3	80	3.500	88.9	0.438	11.13	14.34	21.35	—	160
3	80	3.500	88.9	0.600	15.24	18.60	27.68	XXS	—
3 1/2	90	4.000	101.6	0.125	3.18	5.18	7.72	—	—
3 1/2	90	4.000	101.6	0.156	3.96	6.41	9.53	—	—
3 1/2	90	4.000	101.6	0.188	4.78	7.66	11.41	—	—



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NPS	DN	Outside Diameter		Wall Thickness		Plain End Mass		weight Class	Schedule No.
		in	mm	in	mm	lb/ft	kg/m		
3 1/2	90	4.000	101.6	0.226	5.74	9.12	13.57	STD	40
3 1/2	90	4.000	101.6	0.250	6.35	10.02	14.92	—	—
3 1/2	90	4.000	101.6	0.281	7.14	11.17	16.63	—	—
3 1/2	90	4.000	101.6	0.318	8.08	12.52	18.63	XS	80
4	100	4.500	114.3	0.125	3.18	5.85	8.71	—	—
4	100	4.500	114.3	0.156	3.96	7.24	10.78	—	—
4	100	4.500	114.3	0.188	4.78	8.67	12.91	—	—
4	100	4.500	114.3	0.219	5.56	10.02	14.91	—	—
4	100	4.500	114.3	0.237	6.02	10.80	16.07	STD	40
4	100	4.500	114.3	0.250	6.35	11.36	16.90	—	—
4	100	4.500	114.3	0.281	7.14	12.67	18.87	—	—
4	100	4.500	114.3	0.312	7.92	13.97	20.78	—	—
4	100	4.500	114.3	0.337	8.56	15.00	22.32	XS	80
4	100	4.500	114.3	0.438	11.13	19.02	28.32	—	120
4	100	4.500	114.3	0.531	13.49	22.53	33.54	—	160
4	100	4.500	114.3	0.674	17.12	27.57	41.03	XXS	—
5	125	5.563	141.3	0.156	3.96	9.02	13.41	—	—
5	125	5.563	141.3	0.188	4.78	10.80	16.09	—	—
5	125	5.563	141.3	0.219	5.56	12.51	18.61	—	—
5	125	5.563	141.3	0.258	6.55	14.63	21.77	STD	40
5	125	5.563	141.3	0.281	7.14	15.87	23.62	—	—
5	125	5.563	141.3	0.312	7.92	17.51	26.05	—	—
5	125	5.563	141.3	0.344	8.74	19.19	28.57	—	—
5	125	5.563	141.3	0.375	9.52	20.80	30.94	XS	80
5	125	5.563	141.3	0.500	12.70	27.06	40.28	—	120
5	125	5.563	141.3	0.625	15.88	32.99	49.11	—	160
5	125	5.563	141.3	0.750	19.05	38.59	57.43	XXS	—
6	150	6.625	168.3	0.188	4.78	12.94	19.27	—	—
6	150	6.625	168.3	0.219	5.56	15.00	22.31	—	—
6	150	6.625	168.3	0.250	6.35	17.04	25.36	—	—
6	150	6.625	168.3	0.280	7.11	18.99	28.26	STD	40
6	150	6.625	168.3	0.312	7.92	21.06	31.32	—	—
6	150	6.625	168.3	0.344	8.74	23.10	34.39	—	—
6	150	6.625	168.3	0.375	9.52	25.05	37.28	—	—
6	150	6.625	168.3	0.432	10.97	28.60	42.56	XS	80
6	150	6.625	168.3	0.562	14.27	36.43	54.20	—	120
6	150	6.625	168.3	0.719	18.26	45.39	67.56	—	160
6	150	6.625	168.3	0.864	21.95	53.21	79.22	XXS	—
8	200	8.625	219.1	0.188	4.78	16.96	25.26	—	—
8	200	8.625	219.1	0.203	5.16	18.28	27.22	—	—
8	200	8.625	219.1	0.219	5.56	19.68	29.28	—	—
8	200	8.625	219.1	0.250	6.35	22.38	33.31	—	20
8	200	8.625	219.1	0.277	7.04	24.72	36.31	—	30
8	200	8.625	219.1	0.312	7.92	27.73	41.24	—	—
8	200	8.625	219.1	0.322	8.18	28.58	42.55	STD	40
8	200	8.625	219.1	0.344	8.74	30.45	45.34	—	—



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		in	mm	in	mm	lb/ft	kg/m		
8	200	8.625	219.1	0.375	9.52	33.07	49.20	—	—
8	200	8.625	219.1	0.406	10.31	35.67	53.08	—	60
8	200	8.625	219.1	0.438	11.13	38.33	57.08	—	—
8	200	8.625	219.1	0.500	12.70	43.43	64.64	XS	80
8	200	8.625	219.1	0.594	15.09	51.00	75.92	—	100
8	200	8.625	219.1	0.719	18.26	60.77	90.44	—	120
8	200	8.625	219.1	0.812	20.62	67.82	100.92	—	140
8	200	8.625	219.1	0.875	22.22	72.49	107.88	XXS	—
8	200	8.625	219.1	0.906	23.01	74.76	111.27	—	160
10	250	10.750	273.0	0.188	4.78	21.23	31.62	—	—
10	250	10.750	273.0	0.203	5.16	22.89	34.08	—	—
10	250	10.750	273.0	0.219	5.56	24.65	36.67	—	—
10	250	10.750	273.0	0.250	6.35	28.06	41.75	—	20
10	250	10.750	273.0	0.279	7.09	31.23	46.49	—	—
10	250	10.750	273.0	0.307	7.80	34.27	51.01	—	30
10	250	10.750	273.0	0.344	8.74	38.27	56.96	—	—
10	250	10.750	273.0	0.365	9.27	40.52	60.29	STD	40
10	250	10.750	273.0	0.438	11.13	48.28	71.87	—	—
10	250	10.750	273.0	0.500	12.70	54.79	81.52	XS	60
10	250	10.750	273.0	0.594	15.09	64.49	95.97	—	80
10	250	10.750	273.0	0.719	18.26	77.10	114.70	—	100
10	250	10.750	273.0	0.844	21.44	89.38	133.00	—	120
10	250	10.750	273.0	1.000	25.40	104.23	155.09	XXS	140
10	250	10.750	273.0	1.125	28.57	115.75	172.21	—	160
12	300	12.750	323.8	0.203	5.16	27.23	40.55	—	—
12	300	12.750	323.8	0.219	5.56	29.34	43.63	—	—
12	300	12.750	323.8	0.250	6.35	33.41	49.71	—	20
12	300	12.750	323.8	0.281	7.14	37.46	55.75	—	—
12	300	12.750	323.8	0.312	7.92	41.48	61.69	—	—
12	300	12.750	323.8	0.330	8.38	43.81	65.18	—	30
12	300	12.750	323.8	0.344	8.74	45.62	67.90	—	—
12	300	12.750	323.8	0.375	9.52	49.61	73.78	STD	—
12	300	12.750	323.8	0.406	10.31	53.57	79.70	—	40
12	300	12.750	323.8	0.438	11.13	57.65	85.82	—	—
12	300	12.750	323.8	0.500	12.70	65.48	97.43	XS	—
12	300	12.750	323.8	0.562	14.27	73.22	108.92	—	60
12	300	12.750	323.8	0.688	17.48	88.71	132.04	—	80
12	300	12.750	323.8	0.844	21.44	107.42	159.86	—	100
12	300	12.750	323.8	1.000	25.40	125.61	186.91	XXS	120
12	300	12.750	323.8	1.125	28.57	139.81	208.00	—	140
12	300	12.750	323.8	1.312	33.32	160.42	238.68	—	160
14	350	14.000	355.6	0.210	5.33	30.96	46.04	—	—
14	350	14.000	355.6	0.219	5.56	32.26	47.99	—	—
14	350	14.000	355.6	0.250	6.35	36.75	54.69	—	10
14	350	14.000	355.6	0.281	7.14	41.21	61.35	—	—
14	350	14.000	355.6	0.312	7.92	45.65	67.90	—	20



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NPS	DN	Outside Diameter		Wall Thickness		Plain End Mass		weight Class	Schedule No.
		in	mm	in	mm	lb/ft	kg/m		
14	350	14.000	355.6	0.344	8.74	50.22	74.76	—	—
14	350	14.000	355.6	0.375	9.52	54.62	81.25	STD	30
14	350	14.000	355.6	0.438	11.13	63.50	94.55	—	40
14	350	14.000	355.6	0.469	11.91	67.84	100.94	—	—
14	350	14.000	355.6	0.500	12.70	72.16	107.39	XS	—
14	350	14.000	355.6	0.594	15.09	85.13	126.71	—	60
14	350	14.000	355.6	0.750	19.05	106.23	158.10	—	80
14	350	14.000	355.6	0.938	23.83	130.98	194.96	—	100
14	350	14.000	355.6	1.094	27.79	150.93	224.65	—	120
14	350	14.000	355.6	1.250	31.75	170.37	253.56	—	140
14	350	14.000	355.6	1.406	35.71	189.29	281.70	—	160
14	350	14.000	355.6	2.000	50.80	256.56	381.83	—	—
14	350	14.000	355.6	2.125	53.97	269.76	401.44	—	—
14	350	14.000	355.6	2.200	55.88	277.51	413.01	—	—
14	350	14.000	355.6	2.500	63.50	307.34	457.40	—	—
16	400	16.000	406.4	0.219	5.56	36.95	54.96	—	—
16	400	16.000	406.4	0.250	6.35	42.09	62.64	—	10
16	400	16.000	406.4	0.281	7.14	47.22	70.30	—	—
16	400	16.000	406.4	0.312	7.92	52.32	77.83	—	20
16	400	16.000	406.4	0.344	8.74	57.57	85.71	—	—
16	400	16.000	406.4	0.375	9.52	62.64	93.17	STD	30
16	400	16.000	406.4	0.438	11.13	72.86	108.49	—	—
16	400	16.000	406.4	0.469	11.91	77.87	115.86	—	—
16	400	16.000	406.4	0.500	12.70	82.85	123.30	XS	40
16	400	16.000	406.4	0.656	16.66	107.60	160.12	—	60
16	400	16.000	406.4	0.844	21.44	136.74	203.53	—	80
16	400	16.000	406.4	1.031	26.19	164.98	245.56	—	100
16	400	16.000	406.4	1.219	30.96	192.61	286.64	—	120
16	400	16.000	406.4	1.438	36.53	223.85	333.19	—	140
16	400	16.000	406.4	1.594	40.49	245.48	365.35	—	160
18	450	18.000	457	0.250	6.35	47.44	70.60	—	10
18	450	18.000	457	0.281	7.14	53.23	79.24	—	—
18	450	18.000	457	0.312	7.92	58.99	87.75	—	20
18	450	18.000	457	0.344	8.74	64.93	96.66	—	—
18	450	18.000	457	0.375	9.52	70.65	105.10	STD	—
18	450	18.000	457	0.406	10.31	76.36	113.62	—	—
18	450	18.000	457	0.438	11.13	82.23	122.43	—	30
18	450	18.000	457	0.469	11.91	87.89	130.78	—	—
18	450	18.000	457	0.500	12.70	93.54	139.20	XS	—
18	450	18.000	457	0.562	14.27	104.76	155.87	—	40
18	450	18.000	457	0.750	19.05	138.30	205.83	—	60
18	450	18.000	457	0.938	23.83	171.08	254.67	—	80
18	450	18.000	457	1.156	29.36	208.15	309.76	—	100
18	450	18.000	457	1.375	34.92	244.37	363.64	—	120
18	450	18.000	457	1.562	39.67	274.48	408.45	—	140
18	450	18.000	457	1.781	45.24	308.79	459.59	—	160



ASTM A53 Table X2.2 Pipe Weight Chart for Plain-End Pipe

NPS	DN	Outside Diameter		Wall Thickness		Plain End Mass		weight Class	Schedule No.
		in	mm	in	mm	lb/ft	kg/m		
20	500	20.000	508	0.250	6.35	52.78	78.55	—	10
20	500	20.000	508	0.281	7.14	59.23	88.19	—	—
20	500	20.000	508	0.312	7.92	65.66	97.67	—	—
20	500	20.000	508	0.344	8.74	72.28	107.60	—	—
20	500	20.000	508	0.375	9.52	78.67	117.02	STD	20
20	500	20.000	508	0.406	10.31	84.04	126.53	—	—
20	500	20.000	508	0.438	11.13	91.59	136.37	—	—
20	500	20.000	508	0.469	11.91	97.92	145.70	—	—
20	500	20.000	508	0.500	12.70	104.23	155.12	XS	30
20	500	20.000	508	0.594	15.09	123.23	183.42	—	40
20	500	20.000	508	0.812	20.62	166.56	247.83	—	60
20	500	20.000	508	1.031	26.19	209.06	311.17	—	80
20	500	20.000	508	1.281	32.54	256.34	381.53	—	100
20	500	20.000	508	1.500	38.10	296.65	441.49	—	120
20	500	20.000	508	1.750	44.45	341.41	508.11	—	140
20	500	20.000	508	1.969	50.01	379.53	564.81	—	160
24	600	24.000	610	0.250	6.35	63.47	94.46	—	10
24	600	24.000	610	0.281	7.14	71.25	106.08	—	—
24	600	24.000	610	0.312	7.92	79.01	117.51	—	—
24	600	24.000	610	0.344	8.74	86.99	129.50	—	—
24	600	24.000	610	0.375	9.52	94.71	140.88	STD	20
24	600	24.000	610	0.406	10.31	102.40	152.37	—	—
24	600	24.000	610	0.438	11.13	110.32	164.26	—	—
24	600	24.000	610	0.469	11.91	117.98	175.54	—	—
24	600	24.000	610	0.500	12.70	125.61	186.94	XS	—
24	600	24.000	610	0.562	14.27	140.81	209.50	—	30
24	600	24.000	610	0.688	17.48	171.45	255.24	—	40
24	600	24.000	610	0.938	23.83	231.25	344.23	—	—
24	600	24.000	610	0.969	24.61	238.57	355.02	—	60
24	600	24.000	610	1.219	30.96	296.86	441.78	—	80
24	600	24.000	610	1.531	38.89	367.74	547.33	—	100
24	600	24.000	610	1.812	46.02	429.79	639.58	—	120
24	600	24.000	610	2.062	52.37	483.57	719.63	—	140
24	600	24.000	610	2.344	59.54	542.64	807.63	—	160
26	650	26.000	660	0.250	6.35	68.82	102.42	—	—
26	650	26.000	660	0.281	7.14	77.26	115.02	—	—
26	650	26.000	660	0.312	7.92	85.68	127.43	—	10
26	650	26.000	660	0.344	8.74	94.35	140.45	—	—
26	650	26.000	660	0.375	9.52	102.72	152.80	STD	—
26	650	26.000	660	0.406	10.31	111.08	165.28	—	—
26	650	26.000	660	0.438	11.13	119.69	178.2	—	—
26	650	26.000	660	0.469	11.91	128.00	190.46	—	—
26	650	26.000	660	0.500	12.70	136.30	202.85	XS	20
26	650	26.000	660	0.562	14.27	152.83	227.37	—	—