

SEAMLESS PIPES

ASTM A 106/A106M
ANSI/ASME B36.10M
ASTM A 53/A 53 M

Application: for producing structures, as well as for steam, water, gas and air pipelines, and also in general machine-building and tool-making.

Steel grade — A, B

Pipe dimensions and weight

Nominal size	Outside diameter		Wall thickness		Weight per length unit		Weight class	Schedule
	in	mm	in	mm	lb/ft	kg/m		
1	1.315	33.4	0.133	3.38	1.68	2.50	STD	40
1 ¼	1.660	42.2	0.140	3.56	2.27	3.39	STD	40
1 ½	1.900	48.3	0.125	3.18	2.37	3.54		30
			0.145	3.68	2.72	4.05	STD	40
2	2.375	60.3	0.141	3.58	3.36	5.01		
			0.156	3.91	3.66	5.44	STD	40
			0.172	4.37	4.05	6.03		
			0.188	4.78	4.39	6.54		
			0.218	5.54	5.03	7.48	XS	80
2 ½	2.875	73.0	0.141	3.58	4.12	6.13		
			0.156	3.96	4.53	6.74		
			0.172	4.37	4.97	7.40		
			0.188	4.78	5.40	8.04		30
			0.203	5.16	5.80	8.63	STD	40
			0.216	5.49	6.13	9.14		
			0.250	6.35	7.01	10.44		
3	3.500	88.9	0.276	7.01	7.67	11.41	XS	80
			0.141	3.58	5.06	7.53		
			0.156	3.96	5.58	8.29		
			0.172	4.37	6.11	9.11		
			0.188	4.78	6.66	9.92		30
			0.216	5.49	7.58	11.29	STD	40
			0.250	6.35	8.69	12.93		
			0.281	7.14	9.67	14.40		
			0.300	7.62	10.26	15.27	XS	80
3 ½	4.000	101.6	0.438	11.13	14.32	21.35		160
			0.156	3.96	6.41	9.53		
			0.172	4.37	7.03	10.48		
			0.188	4.78	7.66	11.41		30
			0.226	5.74	9.12	13.57	STD	
			0.250	6.35	10.02	14.92		
			0.281	7.14	11.17	16.63		
			0.318	8.08	12.52	18.63	XS	80
4	4.500	114.3	0.172	4.37	7.95	11.85		
			0.188	4.78	8.67	12.91		30
			0.203	5.16	9.32	13.89		
			0.219	5.56	10.02	14.91		
			0.237	6.02	10.80	16.07	STD	40
			0.250	6.35	11.36	16.90		
			0.281	7.14	12.67	18.87		
			0.337	8.56	14.98	22.32	XS	80
			0.438	11.13	19.00	28.32		120
			0.531	13.49	22.51	33.54		160

Pipe dimensions and weight

Nominal size	Outside diameter		Wall thickness		Weight per length unit		Weight class	Schedule
	in	mm	in	mm	lb/ft	kg/m		
5	5.563	141.3	0.258	6.55	14.62	21.77	STD	40
			0.375	9.53	20.78	30.97	XS	80
			0.500	12.70	27.04	40.28		120
			0.625	15.88	32.96	49.11		160
6	6.625	168.3	0.250	6.35	17.04	25.36		
			0.280	7.11	18.97	28.26	STD	40
			0.312	7.92	21.04	31.32		
			0.344	8.74	23.08	34.39		
			0.375	9.53	25.03	37.28		
			0.432	10.97	28.57	42.56	XS	80
			0.500	12.70	32.74	48.73		
			0.562	14.27	36.39	54.20		120
			0.625	15.88	40.09	59.69		
			0.719	18.26	45.35	67.56		160
8	8.625	219.1	0.250	6.35	22.38	33.32		20
			0.277	7.04	24.70	36.81		30
			0.312	7.92	27.70	41.24		
			0.322	8.18	28.55	42.55	STD	40
			0.344	8.74	30.42	45.34		
			0.375	9.53	33.04	49.25		
			0.406	10.31	35.64	53.08		60
			0.438	11.13	38.30	57.08		
			0.500	12.70	43.39	64.64	XS	80
			0.562	14.27	48.44	72.08		
			0.594	15.09	50.95	75.92		100
			0.625	15.88	53.45	79.59		
			0.719	18.26	60.71	90.44		120
			0.750	19.05	63.14	93.98		
			0.812	20.62	67.76	100.92		140
			0.875	22.23	72.42	107.92	XXS	
			0.906	23.01	74.69	111.27		160
10	10.750	273.0	0.307	7.8	34.24	51.03		30
			0.344	8.74	38.23	56.98		
			0.365	9.27	40.52	60.29	STD	40
			0.438	11.13	48.28	71.88		
			0.500	12.70	54.74	81.55	XS	60
			0.562	14.27	61.21	91.05		
			0.594	15.09	64.43	96.01		80
			0.625	15.88	67.65	100.69		
			0.719	18.26	77.03	114.70		100
			0.812	20.62	86.26	128.34		
			0.844	21.44	89.29	133.09		120
			0.875	22.23	92.28	137.52		
			0.938	23.83	98.30	146.48		
			1.000	25.40	104.13	155.15	XXS	140
			1.125	28.58	115.64	172.33		

Pipe dimensions and weight

Nominal size	Outside diameter		Wall thickness		Weight per length unit		Weight class	Schedule
	in	mm	in	mm	lb/ft	kg/m		
12	12.750	323.8	0.312	7.92	41.45	61.71		
			0.330	8.38	43.77	65.2		30
			0.344	8.74	45.58	67.93		
			0.375	9.53	49.56	73.88	STD	
			0.406	10.31	53.52	79.73		40
			0.438	11.13	57.59	85.84		
			0.500	12.70	65.42	97.46	XS	
			0.562	14.27	73.15	108.92		60
			0.625	15.88	81.01	120.59		
			0.688	17.48	88.63	132.04		80
			0.750	19.05	95.21	143.17		
			0.812	20.62	103.63	154.17		
			0.844	21.44	107.32	159.86		100
			0.875	22.23	110.97	165.37		
			0.938	23.83	118.33	176.33		
			1.000	25.40	125.49	186.97	XXS	120
			1.062	26.97	132.57	197.48		
			1.125	28.58	139.67	208.14		140
			1.250	31.75	153.53	228.74		
			1.312	33.32	160.27	238.76		160
14	14.000	355.6	0.312	7.92	45.61	67.9		20
			0.344	8.74*	50.17	74.76		
			0.375	9.53	54.57	81.33	STD	30
			0.406	10.31	59.00	87.79		
			0.438	11.13	63.44	94.55		40
			0.594	15.09	85.05	126.71		60
			0.750	19.05	106.13	158.10		80
			0.938	23.83	194.96	130.85		100
			1.094	27.79	224.65	150.79		120
			1.250	31.75	253.56	170.21		140
			1.406	35.71	281.70	189.11		160
			2.000	50.8	381.83	256.32		
			2.125	53.97	401.50	269.50		
			2.200	55.88	413.01	277.25		
			2.500	63.5	457.40	307.05		
16	16	406.4	0.375	9.53	62.64	93.27	STD	30
			0.406	10.31	67.68	100.71		
			0.438	11.13	72.86	108.49		
			0.469	11.91	77.87	115.87		
			0.500	12.7	82.85	123.31	XS	40
			0.562	14.27	92.75	138		
			0.625	15.88	102.72	152.94		
			0.656	16.66	107.76	160.13		60
			0.688	17.48	112.62	167.66		
			0.750	19.05	122.27	181.98		
			0.812	20.62	131.84	196.18		80
			0.844	21.44	136.74	203.54		
			0.875	22.23	141.48	210.61		
			0.938	23.83	151.03	224.83		
			1.000	25.4	160.35	238.66		100
			1.031	26.19	164.98	245.57		
			1.062	26.97	169.59	252.37		
			1.125	28.58	178.89	266.3		
			1.188	30.18	188.11	280.01		120
			1.219	30.96	192.61	286.66		
			1.250	31.75	197.1	293.35		140
			1.438	36.53	223.85	333.21		

— Seamless pipes with OD 16" are produced according ASTM A53 / ASTM A106M upon agreement