

Hot-dipped zinc-coated & black welded and seamless pipes

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

Application: for producing steam, water, gas and air pipelines

Pipe dimensions and weight

Nominal size, inches	Outside diameter		Wall thickness		Weight per length unit		Weight class* inches	Pipe type	
	inches	mm	inches	mm	lb/ft	kg/m		mm	inches
½	0.840	21,3	0.109	2,77	0.85	1,27	STD		•
¾	1.050	26,7	0.113	2,87	1.13	1,69	STD		•
1	1.315	33,4	0.133	3,38	1.68	2,50	STD	•	•
1 ¼	1.660	42,2	0.140	3,56	2.27	3,39	STD	•	•
1 ½	1.900	48,3	0.145	3,68	2.72	4,05	STD	•	•
2	2.375	60,3	0.141	3,58	3.36	5,01	...	•	
			0.154	3,91	3.66	5,44	STD	•	•
			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	•	
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	...	•	
			0.203	5,16	5.80	8,63	STD	•	
			0.216	5,49	6.13	9,14	...	•	
			0.250	6,35	7.01	10,44	...	•	
			0.276	7,01	7.67	11,41	XS	•	
3	3.500	88,9	0.375	9,52	10.01	14,90	...	•	
			0.125	3,18	4.51	6,72	...		•
			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	...	•	
			0.216	5,49	7.58	11,29	STD	•	
			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	•				
			0.438	11,13	14.32	21,35	...	•	
			0.600	15,24	18.58	27,68	XXS	•	

Pipe dimensions and weight (continued)

Nominal size, inches	Outside diameter		Wall thickness		Weight per length unit		Weight class*	Pipe type	
	inches	mm	inches	mm	lb/ft	kg/m		seamless	welded
3 ½	4.000	101,6	0.125	3,18	5.17	7,72	...		•
			0.156	3,96	6.41	9,53	...	•	•
			0.172	4,37	7.03	10,48	...	•	
			0.188	4,78	7.66	11,41	...	•	
			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	•	
4	4.500	114,3	0.125	3,18	5.84	8,71	...		•
			0.156	3,96	7.24	10,78	...		•
			0.172	4,37	7.95	11,85	...	•	
			0.188	4,78	8.67	12,91	...	•	
			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	•	
			0.250	6,35	11.36	16,90	...	•	
			0.281	7,14	12.67	18,87	...	•	
			0.312	7,92	13.98	20,78	...	•	
5	5.563	141,3	0.258	6,55	14.62	21,77	STD	•	
			0.281	7,14	15.85	23,62	...	•	
			0.312	7,92	17.50	26,05	...	•	
			0.344	8,74	19.17	28,57	...	•	
			0.375	9,52	20.78	30,97	XS	•	
			0.500	12,70	27.04	40,28	...	•	
			0.625	15,88	32.96	49,11	...	•	
			0.750	19,05	38.55	57,43	XXS	•	
6	6.625	168,3	0.188	4,78	12.92	19,27	...		•
			0.219	5,56	14.98	22,31	...		•
			0.250	6,35	17.04	25,36	...		•
			0.280	7,11	18.97	28,26	STD	•	•
			0.312	7,92	21.04	31,32	...	•	
			0.344	8,74	23.08	34,39	...	•	
			0.375	9,52	25.03	37,28	...	•	
			0.432	10,97	28.57	42,56	XS	•	
			0.562	14,27	36.39	54,20	...	•	
			0.719	18,26	45.35	67,56	...	•	
			0.864	21,95	53.16	79,22	XXS	•	

Pipe dimensions and weight (continued)

Nominal size, inches	Outside diameter		Wall thickness		Weight per length unit		Weight class*	Pipe type	
	inches	mm	inches	mm	lb/ft	kg/m		seamless	welded
8	8.625	219,1	0.203	5,16	18.26	27,22	...		•
			0.219	5,56	19.66	29,28	...		•
			0.250	6,35	22.36	33,31	...		•
			0.277	7,04	24.70	36,81	...	•	•
			0.312	7,92	27.70	41,24	...	•	•
			0.322	8,18	28.55	42,55	STD	•	
			0.344	8,74	30.42	45,34	...	•	
			0.375	9,53	33.04	49,25	...	•	
			0.406	10,31	35.64	53,08	...	•	
			0.438	11,13	38.30	57,08	...	•	
			0.500	12,70	43.39	64,64	XS	•	
			0.594	15,09	50.95	75,92	...	•	
			0.719	18,26	60.71	90,44	...	•	
			0.812	20,62	67.76	100,92	...	•	
			0.875	22,23	72.42	107,92	XXS	•	
			0.906	23,01	74.69	111,27	...	•	
10	10.750	273,0	0.203	5,16	22.87	34,09	...		•
			0.219	5,56	24.63	36,68	...		•
			0.250	6,35	28.04	41,77	...		•
			0.279	7,09	31.20	46,51	...		•
			0.307	7,80	34.24	51,03	...		•
			0.365	9,27	40.48	60,31	...	•	
			0.438	11,13	48.24	71,90	...	•	
			0.500	12,70	54.74	81,55	...	•	
			0.594	15,09	64.43	96,01	STD	•	
			0.719	18,26	77.03	114,75	...	•	
			0.844	21,44	89.29	133,06	XS	•	
			1.000	25,40	104.13	155,15	...	•	
			1.125	28,58	115.64	172,33	...	•	
			0.844	21,44	89.29	133,06	...	•	
1.000	25,40	104.13	155,15	XXS	•				
1.125	28,58	115.64	172,33	...	•				
12	12.750	323,8	0.219	5,56	29.31	43,65	...		•
			0.250	6,35	33.38	49,73	...		•
			0.281	7,14	37.42	55,77	...		•
			0.312	7,92	41.45	61,71	...		•
			0.330	8,38	43.77	65,20	...	•	•
			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	...	•	
			0.438	11,13	57.59	85,84	...	•	
			0.500	12,70	65.42	97,46	XS	•	
			0.562	14,27	73.15	108,96	...	•	
			0.688	17,48	88.63	132,08	...	•	
			0.844	21,44	107.32	159,91	...	•	
			1.000	25,40	125.49	186,97	XXS	•	
			1.125	28,58	139.67	208,14	...	•	
			1.312	33,32	160.27	238,76	...	•	

Pipe dimensions and weight (continued)

Nominal size, inches	Outside diameter		Wall thickness		Weight per length unit		Weight class*	Pipe type	
	inches	mm	inches	mm	lb/ft	kg/m		seamless	welded
14	14.000	355,6	0.219	5,56	32.23	47,99	...		•
			0.250	6,35	36.71	54,69	...		•
			0.281	7,14	41.17	61,35	...		•
			0.312	7,92	45.61	67,90	...		•
			0.344	8,74	50.17	74,76	...		•
			0.375	9,53	54.57	81,33	STD		•
			0.438	11,13	63.44	94,55	...		•
			0.469	11,91	67.78	100,94	...		•
			0.500	12,70	72.09	107,39	XS		•
			0.594	15,09	85.05	126,71	...		•
			0.750	19,05	106.13	158,10	...		•
			0.938	23,83	130.85	194,96	...		•
			1.094	27,79	150.79	224,65	...		•
			1.250	31,75	170.21	253,56	...		•
16	16.000	406,4	2.000	50,80	256.32	381,83	...		•
			2.125	53,98	269.50	401,50	...		•
			0.219	5,56	36.94	54,86	...		•
			0.250	6,35	42.05	62,64	...		•
			0.281	7,14	47.17	70,30	...		•
			0.312	7,92	52.27	77,83	...		•
			0.344	8,74	57.52	85,71	...		•
			0.375	9,52	62.58	93,27	STD		•

Pipes supplied are black (non-zinc-coated) and non-threaded

* STD – standard weight class

XS – extra-standard weight class (high durability)

XXS – double extra-standard weight class (doubled durability)

Length supplied:

- From 20 ft up to 40 ft (from 6,0 up to 12,0 m).

Steel hardness:

Steel grades	Chemical compound according to
A, B	ASTM A53

Obligatory requirements:

- Carrying out chemical composition control;
- Carrying out hydraulic pressure or non-destructive testing;
- Carrying out hydraulic pressure testing or weld's quality non-destructive control (for welded pipes);
- Carrying out bending impact test (for pipes with nominal diameter less or equal to 2 inches);
- Carrying out flattening test (for pipes with nominal diameter more than 2 inches);
- Chamfering (for pipes with outside diameter no less than 60,3 mm and with wall thickness no less than 5 mm, unless other one is stipulated by the contract).

Upon customer's request it is possible to carry out:

- Non-destructive testing.