

ANSI (ASTM) CARBON & ALLOY STEEL PIPE DIMENSIONS [mm] AND WEIGHT [kg]

Nominal Bore		Outside Diameter	Wall Thickness	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS
ins	mm	mm	/ Mass													
1/8"	6	10.3	mm				1.73	1.73		2.41	2.41					
			kg/m				0.37	0.37		0.47	0.47					
1/4"	8	13.7	mm				2.24	2.24		3.02	3.02					
			kg/m				0.63	0.63		0.80	0.80					
3/8"	10	17.1	mm				2.31	2.31		3.20	3.20					
			kg/m				0.84	0.84		1.10	1.10					
1/2"	15	21.3	mm				2.77	2.77		3.73	3.73				4.78	7.47
			kg/m				1.27	1.27		1.62	1.62					1.95
3/4"	20	26.7	mm				2.87	2.87		3.91	3.91				5.56	7.82
			kg/m				1.69	1.69		2.20	2.20					2.90
1"	25	33.4	mm				3.38	3.38		4.55	4.55				6.35	9.09
			kg/m				2.50	2.50		3.24	3.24					4.24
1 1/4"	32	42.2	mm				3.56	3.56		4.85	4.85				6.35	9.70
			kg/m				3.39	3.39		4.47	4.47					5.61
1 1/2"	40	48.3	mm				3.68	3.68		5.08	5.08				7.14	10.15
			kg/m				4.05	4.05		5.41	5.41					7.25
2"	50	60.3	mm				3.91	3.91		5.54	5.54				8.74	11.07
			kg/m				5.44	5.44		7.48	7.48					11.1
2 1/2"	65	73.0	mm				5.16	5.16		7.01	7.01				9.52	14.02
			kg/m				8.63	8.63		11.4	11.4					14.9
3"	80	88.9	mm				5.49	5.49		7.62	7.62				11.13	15.24
			kg/m				11.3	11.3		15.3	15.3					21.4
3 1/2"	90	101.6	mm				5.74	5.74		8.08	8.08					
			kg/m				13.6	13.6		18.6	18.6					
4"	100	114.3	mm				6.02	6.02		8.56	8.56		11.13		13.49	17.12
			kg/m				16.1	16.1		22.3	22.3		28.3			33.5
5"	125	141.3	mm				6.55	6.55		9.52	9.52		12.7		15.88	19.05
			kg/m				21.8	21.8		31.0	31.0		40.3			47.91
6"	150	168.3	mm				7.11	7.11		10.97	10.97		14.27		18.26	21.95
			kg/m				28.3	28.3		42.6	42.6		54.2			67.6
8"	200	219.1	mm		6.35	7.04	8.18	8.18	10.31	12.7	12.7	15.09	18.26	20.62	23.01	22.23
			kg/m		33.3	36.8	42.6	42.6	53.1	64.6	64.6	75.9	90.4	100.9	111.3	107.9
10"	250	273.0	mm		6.35	7.80	9.27	9.27	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40
			kg/m		41.8	51.0	60.3	60.3	81.5	81.5	96.0	114.7	133.0	155.1	172.3	155.1
12"	300	323.8	mm		6.35	8.38	9.52	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	25.40
			kg/m		49.7	65.2	73.9	79.7	108.9	97.4	132.1	159.9	186.9	208.1	238.7	186.9
14"	350	355.6	mm	6.35	7.92	9.52	9.52	11.13	15.09	12.70	19.05	23.83	27.79	31.75	35.71	
			kg/m	54.7	67.9	81.3	81.3	94.6	126.7	107.4	158.1	195.0	224.7	253.6	281.7	
16"	400	406.4	mm	6.35	7.92	9.52	9.52	12.70	16.66	12.70	21.44	26.19	30.96	36.53	40.49	
			kg/m	62.7	77.8	93.3	93.3	123.3	160.1	123.3	203.5	245.6	286.7	333.2	365.4	
18"	450	457	mm	6.35	7.92	11.13	9.52	14.27	19.05	12.70	23.83	29.36	34.93	39.67	45.24	
			kg/m	70.6	87.7	122.4	105.2	155.8	205.8	139.2	254.6	309.6	363.6	408.3	459.4	
20"	500	508	mm	6.35	9.52	12.70	9.52	15.09	20.62	12.70	26.19	32.54	38.10	44.45	50.01	
			kg/m	78.6	117.2	155.1	117.2	183.4	247.8	155.1	311.2	381.6	441.5	508.2	564.9	
22"	550	559	mm	6.35	9.52	12.70	9.52	15.88	22.23	12.70	28.58	34.93	41.28	47.63	53.98	
			kg/m	86.6	129.1	171.1	129.1	213.0	294.3	171.1	373.9	451.5	527.1	600.7	672.3	
24"	600	610	mm	6.35	9.52	14.27	9.52	17.48	24.61	12.70	30.96	38.89	46.02	52.37	59.54	
			kg/m	94.5	141.1	209.7	141.1	255.4	355.3	187.1	442.1	547.7	640.1	720.2	808.3	
26"	650	660	mm	7.92	12.70		9.52			12.70						
			kg/m	127.4	202.7		152.9			202.7						

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ANSI Carbon & Alloy Steel Pipe Dimensions and Weight