SIP Industries

Quality Manufacturers Since 1960

Pipe Outside Diameter (O.D.) Chart

Size	Steel Pipe		Cast Iron			Plastic Pipe PVC (Polyvinyl Chloride)			HDPE (High Density)		PVC SDR 35	Copper	Concrete (Avg.)	Clay	CI Soil No Hub	A/C (Asbestos Cement / Transite)				Simplex - A/C			Asbestos Cement Sewer					
	Type	O.D.	Current DI Size	AWWA - 1908 Class	AWWA - 1908 O.D.	IPS	DI	PIP	IPS	DI						Type	ME O.D.	RB O.D.	RB O.D.	Type	ME O.D.	RB O.D.	CL1500	CL2400	CL3300	CL4000	CL5000	A/C ME
½"	STD.	0.84				0.84						0.625																
⅝"												0.75																
¾"	STD.	1.05				1.05						0.875																
1"	STD.	1.315				1.315						1.125																
1-¼"	STD.	1.66				1.66						1.375																
1-½"	STD.	1.90				1.90						1.625																
2"	STD.	2.375			2.50	2.375						2.125																
2-½"	STD.	2.875				2.875						2.625																
3"	O.D.	3.00		A	3.80											CL100	3.74	4.00		CL100	3.70	3.95						
	STD.	3.50	3.96	B,C,D	3.96	3.50						3.125				CL150	3.84	4.10		CL150	3.88	4.13						
																CL200	3.84	4.29		CL200	4.20	4.45						
3-½"	STD.	4.00				4.00						3.625																
4"	O.D.	4.00		A	4.80											CL100	4.64	4.79	5.14	CL100	4.70	4.95						
	STD.	4.50	4.80	B,C,D	5.00	4.50	4.80	4.13	4.50	4.80	4.215	4.125	6.00	4.85 - 5.38	4.30	CL150	6.81	4.97	5.27	CL150	4.85	5.10	4.81	4.87	5.05			4.62
																CL200	4.81	5.22	5.57	CL200	5.20	5.45						
4-½"	STD.	5.00																										
5"	STD.	5.563				5.563						5.125		6.31 - 6.65	5.30								5.90	5.97	6.15			5.78
6"	O.D.	6.00		A	6.90											CL100	6.91	7.05	7.40	CL100	6.76	7.01						
	RIV.	6.25	6.90	B,C,D	7.10	6.625	6.90	6.14	6.625	6.90	6.275	6.125	8.00	7.19 - 7.93	6.30	CL150	6.91	7.07	7.37	CL150	6.95	7.20	6.92	6.98	7.14			6.66
	STD.	6.625		E,F	7.22											CL200	6.91	7.26	7.56	CL200	7.50	7.75						
				G,H	7.38																							
7"	RIV.	7.25																										
	STD.	7.625																										
8"	O.D.	8.00		A,B	9.05											CL100	9.11	9.22	9.57	CL100	8.88	9.13						
	RIV.	8.25	9.05	C,D	9.30	8.625	9.05	8.16	8.625	9.05	8.40		10.25	9.25 - 10.09	8.40	CL150	9.11	9.27	9.57	CL150	9.15	9.40	9.02	9.04	9.22			8.96
	STD.	8.625		E,F	9.42											CL200	9.11	9.39	9.74	CL200	9.76	10.01						
				G,H	9.60																							
9"	STD.	9.625																										
10"	O.D.	10.00		A,B	11.10											CL100	11.24	11.42	11.77	CL100	11.18	11.43						
	RIV.	10.25	11.10	C,D	11.40	10.75	11.10	10.20	10.75	11.10	10.50		12.75	11.50 - 12.88	10.50	CL150	11.66	11.82	12.12	CL150	11.70	11.95	11.12	11.16	11.36	11.50	11.70	11.05
	STD.	10.75		E,F	11.60											CL200	11.66	11.77	12.12	CL200	12.20	12.45						
				G,H	11.84																							
12"	O.D.	12.00		A,B	13.20											CL100	13.44	13.69	14.04	CL100	13.36	13.61						
	RIV.	12.25	13.20	C,D	13.50	12.75	13.20	12.24	12.75	13.20	12.50		15.50	13.75 - 15.30	12.50	CL150	13.92	14.08	14.38	CL150	13.96	14.21	13.22	13.26	13.50	13.64	13.86	13.15
	STD.	12.75		E,F	13.76											CL200	13.92	14.03	14.38	CL200	14.46	14.72						
				G,H	14.08																							
14"	STD.	14.00	15.30	A,B	15.30	14.00	15.30	14.28	14.00	15.30						CL100	15.1	15.40	15.80	CL100	15.56	15.94						
				C,D	15.65											CL150	16.2	16.4	16.73	CL150	16.26	16.64	15.30	15.36	15.46	15.78	16.00	15.23
				E,F	15.98											CL200	16.2	16.5	16.88	CL200	16.88	17.26						
				G,H	16.32																							

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	Type	O.D.	Current DI Size	AWWA - 1908 Class	AWWA - 1908 O.D.	IPS	DI	PIP	IPS	DI						Type	ME O.D.	RB O.D.	RB O.D.	Type	ME O.D.	RB O.D.	CL1500	CL2400	CL3300	CL4000	CL5000	A/C ME
15"								15.30			15.30		18.75	17.19 - 18.70	15.62								16.34	16.42	16.66	16.84	17.06	16.11
16"	STD.	16.00	17.40	A,B C,D E,F G,H	17.40 17.80 18.16 18.54	16.00	17.40		16.00	17.40						CL100 CL150 CL200	17.15 18.46 18.46	17.54 18.62 18.79	17.94 18.97 19.19	CL100 CL150 CL200	17.76 18.50 19.30	18.14 18.88 19.68	17.38	17.46	17.72	17.90	18.14	17.31
18"	STD.	18.00	19.50	A,B C,D	19.50 19.92	18.00	19.50	18.701	18.00	19.50	18.701		22.00	20.65 - 22.40		CL100 CL150	19.90 20.94	20.44 21.20						19.54	19.82	20.02	20.36	19.39
20"	STD.	20.00	21.60	A,B C,D G,H	21.60 22.06 23.02	20.00	21.60		20.00	21.60						CL100 CL150	22.1 23.3	22.50 23.54						21.66	21.88	22.10	22.32	21.45
21"								22.047			22.047		25.50	24.13 - 26.43										22.47	23.03	23.29	23.66	22.37
22"	STD.	22.00																										
24"	STD.	24.00	25.80	A,B C,D	25.80 26.32	24.00	25.80	24.803	24.00	25.80	24.803		29.00	27.50 - 29.84		CL100 CL150	26.48 27.96	27.17 28.22						25.78	26.10	26.32	26.20	25.67
27"								27.95			27.953		32.25	31.00 - 32.13														
30"	STD.	30.00	32.00	A B C D	31.74 32.00 32.40 32.74	30.00	32.00		30.00	32.00	32.00		35.50	34.38 - 35.63											32.34	32.60	32.90	32.13
36"	STD.	36.00	38.30	A B C D	37.96 38.30 38.70 39.16	36.00	38.30		36.00	38.30	38.30																	
42"	STD.	42.00	44.50	A B C D	44.20 44.50 45.10 45.58		44.50		42.00	44.50	44.50																	
48"	STD.	48.00	50.80	A B C D	50.50 50.80 51.40 51.98		50.80		48.00	50.80	50.80																	
54"	STD.	54.00	57.56	A B C D	56.66 57.10 57.80 58.40		57.56		54.00	57.10																		
60"	STD.	60.00	61.61	A B C D	62.80 63.40 64.20 64.82		61.61																					
64"	STD.	64.00	65.67																									