

PUTNAM PIPE

CORPORATION

Where Service and Experience Matters

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Sewer Pipe O.D. Chart

NOMINAL PIPE SIZE	ASBESTOS CEMENT SEWER						PVC			CI SOIL NO HUB	CLAY	CONCRETE (Average)
	CL1500	CL2400	CL3300	CL4000	C5000	A/CME	SDR 35	SDR 41	PIP			
4"	4.81	4.87	5.05			4.62	4.215	4.500	4.130	4.30	4.85 - 5.38	6.00
5"	5.90	5.97	6.15			5.78		5.563		5.30	6.31 - 6.65	
6"	6.92	6.98	7.14			6.66	6.275	6.625	6.140	6.30	7.19 - 7.93	8.00
8"	9.02	9.04	9.22			8.96	8.400	8.625	8.160	8.40	9.25 - 10.09	10.25
10"	11.12	11.16	11.36	11.50	11.70	11.05	10.500	10.750	10.200	10.50	11.50 - 12.88	12.75
12"	13.22	13.26	13.50	13.64	13.86	13.15	12.500	12.750	12.240	12.50	13.75 - 15.30	15.50
14"	15.30	15.36	15.46	15.78	16.00	15.23						
15"	16.34	16.42	16.66	16.84	17.06	16.11	15.300		15.300	15.62	17.19 - 18.70	18.75
16"	17.38	17.46	17.72	17.90	18.14	17.31						
18"		19.54	19.82	20.02	20.36	19.39	18.700		18.700		20.65 - 22.40	22.00
20"		21.66	21.88	22.10	22.32	21.45						
21"		22.47	23.03	23.29	23.66	22.37	22.050		22.050		24.13 - 26.43	25.50
22"												
24"		25.78	26.10	26.32	26.60	25.67	24.800		24.800		27.50 - 29.84	29.00
27"							27.950		27.960		31.00 - 32.13	32.25
28"												
30"			32.34	32.60	32.90	32.13					34.38 - 35.63	35.50

Water Pipe O.D. Chart

PIPE SIZE	STEEL & PLASTIC		CAST IRON			ASBESTOS-CEMENT					SIMPLEX - A/C			COPPER
	TYPE	TYPE	CURRENT D.I. PIPE SIZE	AWWA 1908	O.D.	TYPE	M.E. O.D.	MIN.	R.B. O.D.	MAX.	TYPE	M.E. O.D.	R.B. O.D.	O.D.
1/2"	STD.	0.840												0.625
5/8"														0.750
3/4"	STD.	1.050												0.875
1"	STD.	1.315												1.125
1 1/4"	STD.	1.660												1.375
1 1/2"	STD.	1.900												1.625
2"	STD.	2.375			2.50									2.125
2 1/2"	STD.	2.875												2.625
3"	O.D.	3.000	3.96	A	3.80	cl 100	3.74		4.00		cl 100	3.70	3.95	3.125
	STD.	3.500		B, C, D	3.96	cl 150	3.84		4.10		cl 150	3.88	4.13	
						cl 200	3.84		4.29		cl 200	4.20	4.45	
3 1/2"	STD.	4.000												3.625
4"	O.D.	4.000	4.80	A	4.80	cl 100	4.64	4.79		5.14	cl 100	4.70	4.95	4.125
	STD.	4.500		B, C, D	5.00	cl 150	4.81	4.97		5.27	cl 150	4.85	5.10	
						cl 200	4.81	5.22		5.57	cl 200	5.20	5.45	
4 1/2"	STD.	5.000												
5"	STD.	5.563												5.125
6"	O.D.	6.000	6.90	A	6.90	cl 100	6.91	7.05		7.40	cl 100	6.76	7.01	
	RIV.	6.250		B, C, D	7.10	cl 150	6.91	7.07		7.37	cl 150	6.95	7.20	6.125
	STD.	6.625		E, F	7.22	cl 200	6.91	7.26		7.56	cl 200	7.50	7.75	
				G, H	7.38									
7"	RIV.	7.250												
	STD.	7.625												
8"	O.D.	8.000	9.05	A, B	9.05	cl 100	9.11	9.22		9.57	cl 100	8.88	9.13	
	RIV.	8.250		C, D	9.30	cl 150	9.11	9.27		9.57	cl 150	9.15	9.40	
	STD.	8.625		E, F	9.42	cl 200	9.11	9.39		9.74	cl 200	9.76	10.01	
				G, H	9.60									
9"	STD.	9.625												
10"	O.D.	10.000	11.10	A, B	11.10	cl 100	11.24	11.42		11.77	cl 100	11.18	11.43	
	RIV.	10.250		C, D	11.40	cl 150	11.66	11.82		12.12	cl 150	11.70	11.95	
	STD.	10.750		E, F	11.60	cl 200	11.66	11.77		12.12	cl 200	12.20	12.45	
				G, H	11.84									
12"	O.D.	12.000	13.20	A, B	13.20	cl 100	13.44	13.69		14.04	cl 100	13.36	13.61	
	RIV.	12.250		C, D	13.50	cl 150	13.92	14.08		14.38	cl 150	13.96	14.21	
	STD.	12.750		E, F	13.76	cl 200	13.92	14.03		14.38	cl 200	14.46	14.72	
				G, H	14.08									
14"	STD.	14.000	15.30	A, B	15.30	cl 100	15.07	15.40		15.80	cl 100	15.56	15.94	
				C, D	15.65	cl 150	16.22	16.38		16.73	cl 150	16.26	16.64	
				E, F	15.98	cl 200	16.22	16.48		16.88	cl 200	16.88	17.26	
				G, H	16.32									
16"	STD.	16.000	17.40	A, B	17.40	cl 100	17.15	17.54		17.94	cl 100	17.76	18.14	
				C, D	17.80	cl 150	18.46	18.62		18.97	cl 150	18.50	18.88	
				E, F	18.16	cl 200	18.46	18.79		19.19	cl 200	19.30	19.68	
				G, H	18.54									
18"	STD.	18.000	19.50	A, B	19.50	cl 100	19.90		20.44					
				C, D	19.92	cl 150	20.94		21.20					
20"	STD.	20.000	21.60	A, B	21.60	cl 100	22.12		22.50					
				C, D	22.06	cl 150	23.28		23.54					
				G, H	23.02									
22"	STD.	22.000												
24"	STD.	24.000	25.80	A, B	25.80	cl 100	26.48		27.17					
				C, D	26.32	cl 150	27.96		28.22					