

ROMAC INDUSTRIES, INC.



PIPE O.D. CHART

NOMINAL PIPE SIZE	STEEL PIPE		CAST IRON			PLASTIC PIPE PVC POLYVINYLCHLORIDE			HDPE HIGH DENSITY POLYETHYLENE		A/C ASBESTOS CEMENT / TRANSITE			SIMPLEX · A/C			COPPER	SEWER O.D.'s							NOMINAL PIPE SIZE					
	TYPE	OD	CURRENT DI SIZE	AWWA 1908	CAST IRON OD	IPS ¹	DI ²	PIP ³	IPS	DI	TYPE	ME OD	A/C RB OD MIN.	A/C RB OD MAX.	TYPE	ME OD		RB OD MIN.	PVC ⁴ SDR 35	ASBESTOS CEMENT SEWER						CI SOIL NO HUB	CLAY	CONCRETE (Avg.)		
1/2"	STD.	0.84				0.84												0.625											1/2"	
5/8"																		0.75											5/8"	
3/4"	STD.	1.05				1.05												0.875											3/4"	
1"	STD.	1.315				1.315												1.125											1"	
1 1/4"	STD.	1.66				1.66												1.375											1 1/4"	
1 1/2"	STD.	1.90				1.90												1.625											1 1/2"	
2"	STD.	2.375			2.50	2.375												2.125											2"	
2 1/2"	STD.	2.875				2.875												2.625											2 1/2"	
3"	O.D.	3.00	3.96	A	3.80						d 100	3.74	4.00		d 100	3.70	3.95												3"	
	STD.	3.50		B, C, D	3.96	3.50					d 150	3.84	4.10		d 150	3.88	4.13													
3 1/2"	STD.	4.00				4.00												3.625											3 1/2"	
	O.D.	4.00	4.80	A	4.80	4.50	4.80	4.13	4.50	4.80	d 100	4.64	4.79	5.14	d 100	4.70	4.95													
	STD.	4.50		B, C, D	5.00						d 150	4.81	4.97	5.27	d 150	4.85	5.10	4.215	4.81	4.87	5.05		4.62	4.30	4.85-5.38	6.00				
4"	STD.	5.00																5.125											4"	
	O.D.	5.00	4.80	A	4.80	4.50	4.80	4.13	4.50	4.80	d 100	4.64	4.79	5.14	d 100	4.70	4.95	4.215	4.81	4.87	5.05		4.62	4.30	4.85-5.38	6.00				
4 1/2"	STD.	5.563				5.563												6.125											4 1/2"	
	O.D.	6.00	6.90	A	6.90	6.625	6.90	6.14	6.625	6.90	d 100	6.91	7.05	7.40	d 100	6.76	7.01	6.275	5.90	5.97	6.15		5.78	5.30	6.31-6.65					
6"	RIV.	6.25																6.125											6"	
	STD.	6.625																												
	O.D.	6.25	6.90	A	7.10	6.625	6.90	6.14	6.625	6.90	d 100	6.91	7.07	7.37	d 100	6.95	7.20	6.275	6.92	6.98	7.14		6.66	6.30	7.19-7.93	8.00				
7"	RIV.	7.25																											7"	
	STD.	7.625																												
8"	O.D.	8.00	9.05	A, B	9.05	8.625	9.05	8.16	8.625	9.05	d 100	9.11	9.22	9.57	d 100	8.88	9.13												8"	
	RIV.	8.25																												
	STD.	8.625																												
9"	STD.	9.625																											9"	
	O.D.	10.00	11.10	A, B	11.10	10.75	11.10	10.20	10.75	11.10	d 100	11.24	11.42	11.77	d 100	11.18	11.43	10.50	11.12	11.16	11.36	11.50	11.70	11.05	10.50	11.50-12.88	12.75			
10"	RIV.	10.25																											10"	
	STD.	10.75																												
12"	O.D.	12.00	13.20	A, B	13.20	12.75	13.20	12.24	12.75	13.20	d 100	13.44	13.69	14.04	d 100	13.36	13.61	12.50	13.22	13.26	13.50	13.64	13.86	13.15	12.50	13.75-15.30	15.50			
	RIV.	12.25																												
	STD.	12.75																												
14"	STD.	14.00	15.30	A, B	15.30	14.00	15.30	14.28	14.00	15.30	d 100	15.07	15.40	15.80	d 100	15.56	15.94												14"	
	O.D.	14.00	15.30	A, B	15.30	14.00	15.30	14.28	14.00	15.30	d 150	16.22	16.38	16.73	d 150	16.26	16.64													
	RIV.	12.25																												
15"	STD.	14.00	15.30	A, B	15.30	14.00	15.30	14.28	14.00	15.30	d 200	16.22	16.48	16.88	d 200	16.88	17.26	15.30	15.30	15.36	15.46	15.78	16.00	15.23						
	O.D.	16.00	17.40	A, B	17.40	16.00	17.40		16.00	17.40	d 100	17.15	17.54	17.94	d 100	17.76	18.14													
16"	STD.	16.00	17.40	A, B	17.40	16.00	17.40		16.00	17.40	d 150	18.46	18.62	18.97	d 150	18.50	18.88												16"	
	RIV.	16.25																												
	STD.	16.625																												
18"	STD.	18.00	19.50	A, B	19.50	18.00	19.50	18.701	18.00	19.50	d 100	19.90		20.44				18.701			19.54	19.82	20.02	20.36	19.39		20.65-22.40	22.00		
	O.D.	18.00	19.50	A, B	19.50	18.00	19.50	18.701	18.00	19.50	d 150	20.94		21.20																
20"	STD.	20.00	21.60	A, B	21.60	20.00	21.60		20.00	21.60	d 100	22.12		22.50															20"	
	O.D.	20.00	21.60	A, B	21.60	20.00	21.60		20.00	21.60	d 150	23.28		23.54																
21"	STD.	21.00																											21"	
	O.D.	21.00																												
22"	STD.	22.00																											22"	
	O.D.	22.00																												
24"	STD.	24.00	25.80	A, B	25.80	24.00	25.80	24.803	24.00	25.80	d 100	26.48		27.17				24.803			25.78	26.10	26.32	26.20	25.67		27.50-29.84	29.00		
	O.D.	24.00	25.80	A, B	25.80	24.00	25.80	24.803	24.00	25.80	d 150	27.96		28.22																
27"	STD.	27.00																											27"	
	O.D.	27.00																												
30"	STD.	30.00	32.00	A	31.74	30.00	32.00		30.00	32.00								32.00											30"	
	O.D.	30.00	32.00	B	32.00	30.00	32.00		30.00	32.00																				
	RIV.	30.25																												
	STD.	30.625																												
36"	STD.	36.00	38.30	A	37.96	36.00	38.30		36.00	38.30								38.30											36"	
	O.D.	36.00	38.30	B	38.30	36.00	38.30		36.00	38.30																				
	RIV.	36.25																												
	STD.	36.625																												
42"	STD.	42.00	44.50	A	44.20	42.00	44.50		42.00	44.50								44.50											42"	
	O.D.	42.00	44.50	B	44.50	42.00	44.50		42.00	44.50																				
	RIV.	42.25																												
	STD.	42.625																												
48"	STD.	48.00	50.80	A	50.50	48.00	50.80		48.00	50.80								50.80											48"	
	O.D.	48.00	50.80	B	50.80	48.00	50.80		48.00	50.80																				
	RIV.	48.25																												
	STD.	48.625																												

¹Sch 40, Sch 80 (ASTM D 1785), and SDR 21 - 41 • ²AWWA C900 (4" - 12"), AWWA C905 (14" - 48"), AWWA C909 (6"-16") • ³PVC 1120 Plastic Irrigation Pipe (PIP) Pressure Rating Up To 160 psi • ⁴PVC Gravity Sewer: ASTM D3034 SDR 35 (4" - 15") and ASTM F679 (18" - 48")