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.)	
																				CL1500	CL2400	CL3300	CL4000	CL5000	A/CME				
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	3.50					cl 100	3.74	4.00		cl 100	3.70	3.95	3.125											3"
	STD.	3.50		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.	4.00				4.00												3.625											3 1/2
4"	O.D.	4.00	4.80	A	4.80	4.50	4.80	4.13	4.50	4.80	cl 100	4.64	4.79	5.14	cl 100	4.70	4.95	4.125	4.215	4.81	4.87	5.05			4.62	4.30	4.85-5.38	6.00	4"
	STD.	4.50		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.	5.00																											4 1/2"
5"	STD.	5.563				5.563												5.125		5.90	5.97	6.15			5.78	5.30	6.31-6.65		5"
6"	O.D.	6.00	6.90	A	6.90	6.625	6.90	6.14	6.625	6.90	cl 100	6.91	7.05	7.40	cl 100	6.76	7.01	6.125	6.275	6.92	6.98	7.14			6.66	6.30	7.19-7.93	8.00	6"
	RIV.	6.25		B, C, D	7.10						cl 150	6.91	7.07	7.37	cl 150	6.95	7.20												
	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.	7.25																											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	cl 100	9.11	9.22	9.57	cl 100	8.88	9.13		8.40	9.02	9.04	9.22			8.96	8.40	9.25-10.09	10.25	8"
	RIV.	8.25		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																											9"
10"	O.D.	10.00	11.10	A, B	11.10	10.75	11.10	10.20	10.75	11.10	cl 100	11.24	11.42	11.77	cl 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		C, D	11.40						cl 150	11.66	11.82	12.12	cl 150	11.70	11.95												
	STD.	10.75		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.	12.00	13.20	A, B	13.20	12.75	13.20	12.24	12.75	13.20	cl 100	13.44	13.69	14.04	cl 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	12"
	RIV.	12.25		C, D	13.50						cl 150	13.92	14.08	14.38	cl 150	13.96	14.21												
	STD.	12.75		E, F	13.76						cl 200	13.92	14.03	14.38	cl 200	14.46	14.72												
				G, H	14.08																								
14"	STD.	14.00	15.30	A, B	15.30	14.00	15.30	14.28	14.00	15.30	cl 100	15.07	15.40	15.80	cl 100	15.56	15.94			15.30	15.36	15.46	15.78	16.00	15.23				14"
				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																								
15"								15.30											15.30	16.34	16.42	16.66	16.84	17.06	16.11	15.62	17.19-18.70	18.75	15"
16"	STD.	16.00	17.40	A, B	17.40	16.00	17.40		16.00	17.40	cl 100	17.15	17.54	17.94	cl 100	17.76	18.14			17.38	17.46	17.72	17.90	18.14	17.31				16"
				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.	18.00	19.50	A, B	19.50	18.00	19.50	18.701	18.00	19.50	cl 100	19.90	20.44						18.701		19.54	19.82	20.02	20.36	19.39		20.65-22.40	22.00	18"
				C, D	19.92						cl 150	20.94	21.20																
20"	STD.	20.00	21.60	A, B	21.60	20.00	21.60		20.00	21.60	cl 100	22.12	22.50								21.66	21.88	22.10	22.32	21.45				20"
				C, D	22.06						cl 150	23.28	23.54																
				G, H	23.02																								
21"								22.047											22.047		22.47	23.03	23.29	23.66	22.37		24.13-26.43	25.50	21"
22"	STD.	22.00																											22"
24"	STD.	24.00	25.80	A, B	25.80	24.00	25.80	24.803	24.00	25.80	cl 100	26.48	27.17						24.803		25.78	26.10	26.32	26.20	25.67		27.50-29.84	29.00	24"
				C, D	26.32						cl 150	27.96	28.22																
27"								27.953											27.953								31.00-32.13	32.25	27"
30"	STD.	30.00	32.00	A	31.74	30.00	32.00		30.00	32.00									32.00			32.34	32.60	32.90	32.13		34.38-35.63	35.50	30"
				B	32.00																								
				C	32.40																								
				D	32.74																								
36"	STD.	36.00	38.30	A	37.96	36.00	38.30		36.00	38.30									38.30										36"
				B	38.30																								
				C	38.70																								
				D	39.16																								
42"	STD.	42.00	44.50	A	44.20		44.50		42.00	44.50									44.50										42"
				B	44.50																								
				C	45.10																								
				D	45.58																								
48"	STD.	48.00	50.80	A	50.50		50.80		48.00	50.80									50.80										48"
				B	50.80																								
				C	51.40																								
				D	51.98																								

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[1] Sch 40 , Sch 80 (ASTM D 1785), and SDR 21 - 41 • [2] AWWA C900 (4" - 12"), AWWA C905 (14" - 48"), AWWA C909 (6"-16") • [3] PVC 1120 Plastic Irrigation Pipe (PIP) Pressure Rating Up To 160 psi • [4] PVC Gravity Sewer (ASTM D 3034) 4" - 15" (ASTM F 679) 18" - 48" SDR 35

Note: Due to variation in outside diameters and specifications, dimensions listed above are approximate. For this reason, the O.D. of pipe being used should be determined before ordering Romac products.

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