

Universal 100 Plastics

A Division of Accord Industries

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Specifications for SDR •SCH. 40 • SCH. 80 PVC Pipe

Feet Per Std Pkg	OD Inches ± Tol.	Specs	100 PSI SDR 41	125 PSI SDR 32.5	160 PSI SDR 26	200 PSI SDR 21	315 PSI SDR 13.5	SCH 40	SCH 80 Grey
1/2" Sch 40 = 9,440 SW = 4,000	0.840 0.004 -0.004	ID Inches					0.696	0.620	0.526
		Wall Min					0.062	0.109	0.147
		Lbs/Ft					0.106	0.164	0.205
		Rated PSI						600.00	850.00
		Vol G/Cft				1.980	1.57	1.20	
3/4" Sch 40 = 9,720 SW = 8,000	1.050 0.004 -0.004	ID Inches				0.910	0.874	0.804	0.722
		Wall Min				0.060	0.078	0.113	0.154
		Lbs/Ft				0.131	0.162	0.218	0.278
		Rated PSI						480.00	690.00
		Vol G/Cft			3.38	3.12	2.64	2.13	
1" Sch 40 = 5,500 SW = 4,800	1.315 0.005 -0.005	ID Inches			1.175	1.169	1.101	1.029	0.936
		Wall Min			0.060	0.063	0.097	0.133	0.179
		Lbs/Ft			0.167	0.174	0.248	0.321	0.409
		Rated PSI						450.00	630.00
		Vol G/Cft		5.63	5.58	4.95	4.32	3.57	
1 1/4" 6,860	1.660 0.005 -0.005	ID Inches		1.528	1.512	1.482	1.394	1.360	1.255
		Wall Min		0.056	0.064	0.079	0.123	0.140	0.191
		Lbs/Ft		0.202	0.225	0.268	0.389	0.434	0.567
		Rated PSI						370.00	520.00
		Vol G/Cft	9.33	9.23	8.96	7.62	7.55	6.43	
1 1/2" 5,600	1.900 0.006 -0.006	ID Inches		1.764	1.734	1.700	1.598	1.590	1.476
		Wall Min		0.058	0.073	0.090	0.141	0.145	0.200
		Lbs/Ft		0.239	0.289	0.345	0.506	0.518	0.686
		Rated PSI						330.00	470.00
		Vol G/Cft	12.70	12.27	11.79	10.42	10.31	8.89	
2" 3,500	2.375 0.006 -0.006	ID Inches		2.209	2.173	2.129	2.002	2.047	1.913
		Wall Min		0.073	0.091	0.113	0.176	0.154	0.218
		Lbs/Ft		0.364	0.440	0.530	0.783	0.695	0.949
		Rated PSI						280.00	400.00
		Vol G/Cft	19.91	19.27	18.49	16.35	17.10	14.93	
2 1/2" 2,480	2.875 0.007 -0.007	ID Inches		2.679	2.635	2.581	2.423	2.445	2.290
		Wall Min		0.088	0.110	0.137	0.213	0.203	0.276
		Lbs/Ft		0.521	0.633	0.768	1.147	1.096	1.449
		Rated PSI						300.00	420.00
		Vol G/Cft	29.28	28.33	27.18	24.04	24.39	21.40	
3" 1,760	3.500 0.008 -0.008	ID Inches	3.310	3.264	3.210	3.146	2.951	3.042	2.864
		Wall Min	0.085	0.108	0.135	0.167	0.259	0.216	0.300
		Lbs/Ft	0.620	0.764	0.932	1.127	1.699	1.435	1.938
		Rated PSI						260.00	370.00
		Vol G/Cft	44.70	43.47	42.04	40.38	35.53	37.76	
								33.47	
4" 960	4.500 0.009 -0.009	ID Inches	4.260	4.204	4.133	4.046	3.794	4.00	3.786
		Wall Min	0.110	0.138	0.173	0.214	0.333	0.237	0.337
		Lbs/Ft	1.007	1.234	1.521	1.858	2.804	2.043	2.833
		Rated PSI						220.00	320.00
		Vol G/Cft	74.04	72.11	69.69	66.79	58.73	65.21	
								58.48	
5" 600	5.563 0.010 -0.010	ID Inches	5.271	5.200	5.108	5.001	4.690	5.016	4.786
		Wall Min	0.136	0.171	0.214	0.265	0.412	0.258	0.375
		Lbs/Ft	1.515	1.876	2.330	2.843	4.291	2.776	3.938
		Rated PSI						190.00	290.00
		Vol G/Cft	113.36	110.32	106.45	102.04	89.74	102.65	
								93.46	
6" 400	6.625 0.011 -0.011	ID Inches	6.281	6.193	6.084	5.955		6.031	5.709
		Wall Min	0.162	0.204	0.255	0.316		0.280	0.432
		Lbs/Ft	2.126	2.652	3.299	4.036		3.600	5.411
		Rated PSI						180.00	280.00
		Vol G/Cft	160.96	156.48	151.02	144.69		148.40	
								132.98	
8" 280	8.625 0.015 -0.015	ID Inches	8.180	8.063	7.921	7.756		7.941	7.565
		Wall Min	0.210	0.265	0.332	0.411		0.322	0.500
		Lbs/Ft	3.589	4.491	5.578	6.825		5.427	8.219
		Rated PSI						160.00	250.00
		Vol G/Cft	273.00	265.250	255.99	245.43		257.28	
								232.50	
10" 80	10.750	ID Inches	10.195	10.048	9.874	9.667		9.976	9.494
		Wall Min	0.262	0.331	0.413	0.512		0.365	0.593
		Lbs/Ft	5.577	6.992	8.652	10.599		7.683	12.288
		Rated PSI						140.00	230.00
		Vol G/Cft	424.07	411.93	397.78	381.28		406.04	
								406.04	
12" 60	12.750	ID Inches	12.091	11.919	11.711	11.465		11.889	11.294
		Wall Min	0.311	0.392	0.490	0.607		0.406	0.687
		Lbs/Ft	7.851	9.829	12.183	14.913		10.171	17.560
		Rated PSI						130.00	230.00
		Vol G/Cft	596.46	579.62	559.56	536.30		571.86	