

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"		ID Inches					0.696	0.620	0.526
Sch 40 = 9,440	0.840	Wall Min					0.062	0.109	0.147
SW = 8,000	0.004	Lbs/Ft					0.106	0.164	0.205
	-0.004	Rated PSI						600.00	850.00
		Vol G/Cft					1.980	1.57	1.20
3/4"		ID Inches				0.910	0.874	0.804	0.722
Sch 40 = 9,720	1.050	Wall Min				0.060	0.078	0.113	0.154
SW = 8,000	0.004	Lbs/Ft				0.131	0.162	0.218	0.278
	-0.004	Rated PSI						480.00	690.00
		Vol G/Cft				3.38	3.12	2.64	2.13
1"		ID Inches			1.175	1.169	1.101	1.029	0.936
Sch 40 = 5,550	1.315	Wall Min			0.060	0.063	0.097	0.133	0.179
SW = 4,800	0.005	Lbs/Ft			0.167	0.174	0.248	0.321	0.409
	-0.005	Rated PSI						450.00	630.00
		Vol G/Cft			5.63	5.58	4.95	4.32	3.57
1 1/4"	1.660	ID Inches		1.528	1.512	1.482	1.394	1.360	1.255
6,860	0.005	Wall Min		0.056	0.064	0.079	0.123	0.140	0.191
	-0.005	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"	1.900	ID Inches		1.764	1.734	1.700	1.598	1.590	1.476
5,600	0.006	Wall Min		0.058	0.073	0.090	0.141	0.145	0.200
	-0.006	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"	2.375	ID Inches		2.209	2.173	2.129	2.002	2.047	1.913
3,500	0.006	Wall Min		0.073	0.091	0.113	0.176	0.154	0.218
	-0.006	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"	2.875	ID Inches		2.679	2.635	2.581	2.423	2.445	2.290
2,480	0.007	Wall Min		0.088	0.110	0.137	0.213	0.203	0.276
	-0.007	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"	3.500	ID Inches	3.310	3.264	3.210	3.146	2.951	3.042	2.864
1,760	0.008	Wall Min	0.085	0.108	0.135	0.167	0.259	0.216	0.300
	-0.008	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"	4.500	ID Inches	4.260	4.204	4.133	4.046	3.794	4.00	3.786
960	0.009	Wall Min	0.110	0.138	0.173	0.214	0.333	0.237	0.337
	-0.009	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"	5.563	ID Inches	5.271	5.200	5.108	5.001	4.690	5.016	4.786
600	0.010	Wall Min	0.136	0.171	0.214	0.265	0.412	0.258	0.375
	-0.010	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"	6.625	ID Inches	6.281	6.193	6.084	5.955		6.031	5.709
400	0.011	Wall Min	0.162	0.204	0.255	0.316		0.280	0.432
	-0.011	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"	8.625	ID Inches	8.180	8.063	7.921	7.756		7.941	7.565
280	0.015	Wall Min	0.210	0.265	0.332	0.411		0.322	0.500
	-0.015	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"		ID Inches	10.195	10.048	9.874	9.667		9.976	9.494
80	10.750	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	
12"		ID Inches	12.091	11.919	11.711	11.465		11.889	11.294
60	12.750	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	