

PVC ASTM D1785 SCHEDULE 80

PART	NOMINAL SIZE	OUTSIDE DIAMETER		PVC SCHEDULE 80			
				WALL THICKNESS		WORKING PRESSURE	WEIGHT
				IN	MM	IN	
0207.80G.0015	1/8"	0.41	10.41	0.095	2.41	1230	0.06
0207.80G.0025	1/4"	0.54	13.72	0.119	3.02	1130	0.10
0207.80G.0035	3/8"	0.68	17.15	0.126	3.20	920	0.14
0207.80G.0050	1/2"	0.84	21.34	0.147	3.73	850	0.21
0207.80G.0075	3/4"	1.05	26.67	0.154	3.91	690	0.28
0207.80G.0100	1"	1.32	33.40	0.179	4.55	630	0.41
0207.80G.0125	1 1/4"	1.66	42.16	0.191	4.85	520	0.57
0207.80G.0150	1 1/2"	1.90	48.26	0.200	5.08	470	0.69
0207.80G.0200	2"	2.38	60.33	0.218	5.54	400	0.96
0207.80G.0250	2 1/2"	2.88	73.03	0.276	7.01	420	1.46
0207.80G.0300	3"	3.50	88.90	0.300	7.62	370	1.95
0207.80G.0400	4"	4.50	114.30	0.337	8.56	320	2.84
0207.80G.0500	5"	5.56	141.30	0.375	9.53	290	3.95
0207.80G.0600	6"	6.63	168.28	0.432	10.97	280	5.43
0207.80G.0800	8"	8.63	219.08	0.500	12.70	250	8.25
0207.80G.1000	10"	10.75	273.05	0.593	15.06	230	12.24
0207.80G.1200	12"	12.75	323.85	0.687	17.45	230	16.83
0207.80G.1400	14"	14.00	355.60	0.750	19.05	220	19.96
0207.80G.1600	16"	16.00	406.40	0.843	21.41	220	26.55
0207.80G.1800	18"	18.00	457.20	0.937	23.80	220	33.54
0207.80G.2000	20"	20.00	508.00	1.031	26.19	220	41.05
0207.80G.2400	24"	24.00	609.60	1.218	30.94	210	58.23

DERATING FACTOR

PVC	
TEMP(C)	FACTOR
73	1.00
80	0.88
90	0.75
100	0.62
110	0.51
120	0.40
130	0.31
140	0.22

CPVC ASTM F441 SCHEDULE 80

PART	NOMINAL SIZE	OUTSIDE DIAMETER		CPVC SCHEDULE 80			
				WALL THICKNESS		WORKING PRESSURE	WEIGHT
				IN	MM	IN	
0208.80G.0025	1/4"	0.54	13.72	0.119	3.02	283	0.12
0208.80G.0035	3/8"	0.68	17.15	0.126	3.20	230	0.16
0208.80G.0050	1/2"	0.84	21.34	0.147	3.73	213	0.24
0208.80G.0075	3/4"	1.05	26.67	0.154	3.91	173	0.32
0208.80G.0100	1"	1.32	33.40	0.179	4.55	158	0.47
0208.80G.0125	1 1/4"	1.66	42.16	0.191	4.85	130	0.65
0208.80G.0150	1 1/2"	1.90	48.26	0.200	5.08	118	0.79
0208.80G.0200	2"	2.38	60.33	0.218	5.54	100	1.10
0208.80G.0250	2 1/2"	2.88	73.03	0.276	7.01	105	1.67
0208.80G.0300	3"	3.50	88.90	0.300	7.62	93	2.24
0208.80G.0400	4"	4.50	114.30	0.337	8.56	80	3.28
0208.80G.0600	6"	6.63	168.28	0.432	10.97	70	6.26
0208.80G.0800	8"	8.63	219.08	0.500	12.70	63	9.51
0208.80G.1000	10"	10.75	273.05	0.593	15.06	58	14.10
0208.80G.1200	12"	12.75	323.85	0.687	17.45	58	19.39
0208.80G.1400	14"	14.00	355.60	0.750	19.05	55	23.26
0208.80G.1600	16"	16.00	406.40	0.843	21.41	55	29.89
0208.80G.1800	18"	18.00	457.20	0.937	23.80	55	37.42
0208.80G.2000	20"	20.00	508.00	1.031	26.19	55	45.88
0208.80G.2400	24"	24.00	609.60	1.218	30.94	53	64.96

DERATING FACTOR

CPVC	
TEMP(C)	FACTOR
73	1.00
80	1.00
90	0.91
100	0.82
110	0.72
120	0.65
130	0.57
140	0.50
150	0.42
160	0.40
170	0.29
180	0.25
200	0.20

Notes: PVC/CPVC material meets ASTM Standard D-1784
Dimensions are subject to change without notice. Contact your HYDROSEAL representative for certification.