



CONDENSED CATALOG PVC Pipe

HPB-103-A
Effective 1/30/06
Revised 11/25/08

CPVC Pipe
ON REVERSE SIDE

Clear PVC SCHEDULE 40					
Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	Max. W.P. PSI*
1/4	.540	.354	.088	.081	390
3/8	.675	.483	.091	.109	310
1/2	.840	.608	.109	.161	300
3/4	1.050	.810	.113	.214	240
1	1.315	1.033	.133	.315	220
1-1/4	1.660	1.364	.140	.426	180
1-1/2	1.900	1.592	.145	.509	170
2	2.375	2.049	.154	.682	140
2-1/2	2.875	2.445	.203	1.076	150
3	3.500	3.042	.216	1.409	130
3-1/2	4.000	3.520	.226	1.697	120
4	4.500	3.998	.237	2.006	110
5	5.563	5.017	.258	2.726	95
6	6.625	6.031	.280	3.535	90
6x1/8	6.625	6.355	.110	1.530	45
8	8.625	7.943	.322	5.305	80
10	10.750	9.976	.365	7.532	70
12	12.750	11.890	.406	9.949	70

Clear PVC SCHEDULE 80					
Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	Max. W.P. PSI*
1/4	.540	.288	.119	.100	570
3/8	.675	.407	.126	.138	460
1/2	.840	.528	.147	.202	420
3/4	1.050	.724	.154	.273	340
1	1.315	.935	.179	.402	320
1-1/4	1.660	1.256	.191	.554	260
1-1/2	1.900	1.476	.200	.673	240
2	2.375	1.913	.218	.932	200
2-1/2	2.875	2.289	.276	1.419	210
3	3.500	2.864	.300	1.903	190
4	4.500	3.786	.337	2.782	160
6	6.625	5.709	.432	5.313	140

Harvel LXT® SCHEDULE 80					
Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	Max. W.P. PSI*
1/2	.840	.528	.147	.202	420
3/4	1.050	.724	.154	.273	340
1	1.315	.935	.179	.402	320
1-1/4	1.660	1.256	.191	.554	260
1-1/2	1.900	1.476	.200	.673	240
2	2.375	1.913	.218	.932	200
3	3.500	2.864	.300	1.903	190
4	4.500	3.786	.337	2.782	160
6	6.625	5.709	.432	5.313	140
8	8.625	7.565	.500	8.058	120

*For water at 73.4°F with solvent-cemented joints.
Threading recommended for Schedules 80 and 120 only.
Threaded pipe requires a 50% pressure de-rating.



610-252-7355 • www.harvel.com

300 Kuebler Road, P.O. Box 757, Easton, PA 18044-0757
Fax: 610-253-4436 • email: harvel@harvel.com

PVC - SDR 13.5 W.P. 315 PSI (Water @ 73.4°F)					
Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	
1/2	.840	.696	.062	.104	

PVC - SDR 21 W.P. 200 PSI (Water @ 73.4°F)					
Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	
3/4	1.050	.910	.060	.129	
1	1.315	1.169	.063	.170	
1-1/4	1.660	1.482	.079	.263	
1-1/2	1.900	1.700	.090	.339	
2	2.375	2.129	.113	.521	
2-1/2	2.875	2.581	.137	.754	
3	3.500	3.146	.167	1.106	
3-1/2	4.000	3.596	.190	1.443	
4	4.500	4.046	.214	1.825	
5	5.563	5.001	.265	2.792	
6	6.625	5.955	.316	3.964	
8	8.625	7.755	.410	6.679	

PVC - SDR 26 W.P. 160 PSI (Water @ 73.4°F)					
Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	
1	1.315	1.175	.060	.164	
1-1/4	1.660	1.512	.064	.221	
1-1/2	1.900	1.734	.073	.284	
2	2.375	2.173	.091	.432	
2-1/2	2.875	2.635	.110	.622	
3	3.500	3.210	.135	.915	
3-1/2	4.000	3.672	.154	1.183	
4	4.500	4.134	.173	1.494	
5	5.563	5.109	.214	2.288	
6	6.625	6.085	.255	3.228	
8	8.625	7.921	.332	5.468	
10	10.750	9.874	.413	8.492	
12	12.750	11.710	.490	11.956	
14	14.000	12.860	.538	14.430	
16	16.000	14.696	.615	18.810	
18	18.000	16.534	.692	23.860	
20	20.000	18.370	.769	29.470	
24	24.000	22.043	.923	42.520	

PVC - SDR 41 W.P. 100 PSI (Water @ 73.4°F)					
Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	
18	18.000	17.070	.439	15.370	
20	20.000	18.970	.488	18.920	
24	24.000	22.748	.585	27.320	

NOTES:

Complete range of PVC fittings in Sch 40 clear.
Complete range of PVC fittings in Sch 40 gray.
Complete line of Harvel LXT fittings and valves 1/2" - 8"
Bell, Gasket, and Roll Grooved Pipe is available in Schedules 40, 80, 120 and SDR's 21, 26, and 41.
All PVC pipe is produced from compounds which conform to ASTM D1784.
Schedules 40, 80, and 120 PVC Pipe are manufactured in strict compliance with ASTM D1785.
Pressure-Rated (SDR Series) PVC Pipe is manufactured in strict compliance with ASTM D2241.
All PVC piping is manufactured from NSF-Approved compounds and are NSF-Listed for potable water use.
ASTM D1784 Material Classification Equivalents:
PVC Normal Impact = Type I Grade I = PVC 1120 = Cell Classification 12454. (Cell Classification 12343 for Harvel LXT®)

PVC SCHEDULE 40					
Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	Max. W.P. PSI*
1/8	.405	.261	.068	.045	810
1/4	.540	.354	.088	.081	780
3/8	.675	.483	.091	.109	620
1/2	.840	.608	.109	.161	600
3/4	1.050	.810	.113	.214	480
1	1.315	1.033	.133	.315	450
1-1/4	1.660	1.364	.140	.426	370
1-1/2	1.900	1.592	.145	.509	330
2	2.375	2.049	.154	.682	280
2-1/2	2.875	2.445	.203	1.076	300
3	3.500	3.042	.216	1.409	260
3-1/2	4.000	3.520	.226	1.697	240
4	4.500	3.998	.237	2.006	220
5	5.563	5.017	.258	2.726	190
6	6.625	6.031	.280	3.535	180
8	8.625	7.943	.322	5.305	160
10	10.750	9.976	.365	7.532	140
12	12.750	11.890	.406	9.949	130
14	14.000	13.072	.437	11.810	130
16	16.000	14.940	.500	15.416	130
18	18.000	16.809	.562	20.112	130
20	20.000	18.743	.593	23.624	120
24	24.000	22.544	.687	32.873	120

PVC SCHEDULE 80					
Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	Max. W.P. PSI*
1/8	.405	.203	.095	.058	1230
1/4	.540	.288	.119	.100	1130
3/8	.675	.407	.126	.138	920
1/2	.840	.528	.147	.202	850
3/4	1.050	.724	.154	.273	690
1	1.315	.935	.179	.402	630
1-1/4	1.660	1.256	.191	.554	520
1-1/2	1.900	1.476	.200	.673	470
2	2.375	1.913	.218	.932	400
2-1/2	2.875	2.289	.276	1.419	420
3	3.500	2.864	.300	1.903	370
3-1/2	4.000	3.326	.318	2.322	350
4	4.500	3.786	.337	2.782	320
5	5.563	4.767	.375	3.867	290
6	6.625	5.709	.432	5.313	280
8	8.625	7.565	.500	8.058	250
10	10.750	9.492	.593	11.956	230
12	12.750	11.294	.687	16.437	230
14	14.000	12.410	.750	19.790	220
16	16.000	14.214	.843	25.430	220
18	18.000	16.014	.937	31.830	220
20	20.000	17.814	1.031	40.091	220
24	24.000	21.418	1.218	56.882	210

PVC SCHEDULE 120					
Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	Max. W.P. PSI*
1/2	.840	.480	.170	.223	1010
3/4	1.050	.690	.170	.295	770
1	1.315	.891	.200	.440	720
1-1/4	1.660	1.204	.215	.614	600
1-1/2	1.900	1.423	.225	.744	540
2	2.375	1.845	.250	1.052	470
2-1/2	2.875	2.239	.300	1.529	470
3	3.500	2.758	.350	2.184	440
4	4.500	3.572	.437	3.516	430
6	6.625	5.434	.562	6.759	370
8	8.625	7.103	.718	11.251	380

Standard color of PVC is gray. Custom sizes, lengths and colors are available.



PVC Pipe
ON REVERSE SIDE

Harvel® CPVC SCHEDULE 40

Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	Max. W.P. PSI*
1/4	.540	.354	.088	.096	780
3/8	.675	.483	.091	.128	620
1/2	.840	.608	.109	.190	600
3/4	1.050	.810	.113	.253	480
1	1.315	1.033	.133	.371	450
1-1/4	1.660	1.364	.140	.502	370
1-1/2	1.900	1.592	.145	.599	330
2	2.375	2.049	.154	.803	280
2-1/2	2.875	2.445	.203	1.267	300
3	3.500	3.042	.216	1.660	260
3-1/2	4.000	3.520	.226	1.996	240
4	4.500	3.998	.237	2.363	220
5	5.563	5.017	.258	3.095	190
6	6.625	6.031	.280	4.164	180
8	8.625	7.943	.322	6.268	160
10	10.750	9.976	.365	8.886	140
12	12.750	11.890	.406	11.751	130
14	14.000	13.072	.437	13.916	130
16	16.000	14.940	.500	18.167	130
18	18.000	16.809	.562	22.965	130
20	20.000	18.743	.593	29.976	120
24	24.000	22.544	.687	37.539	120

Manufactured in strict compliance with ASTM F441

Harvel® CPVC SCHEDULE 80

Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.	Max. W.P. PSI*
1/4	.540	.288	.119	.117	1130
3/8	.675	.407	.126	.162	920
1/2	.840	.528	.147	.238	850
3/4	1.050	.724	.154	.322	690
1	1.315	.935	.179	.473	630
1-1/4	1.660	1.256	.191	.654	520
1-1/2	1.900	1.476	.200	.793	470
2	2.375	1.913	.218	1.097	400
2-1/2	2.875	2.289	.276	1.674	420
3	3.500	2.864	.300	2.242	370
3-1/2	4.000	3.326	.318	2.735	350
4	4.500	3.786	.337	3.277	320
5	5.563	4.767	.375	4.343	290
6	6.625	5.709	.432	6.258	280
8	8.625	7.565	.500	9.506	250
10	10.750	9.492	.593	14.095	230
12	12.750	11.294	.687	19.392	230
14	14.000	12.410	.750	23.261	220
16	16.000	14.214	.843	29.891	220
18	18.000	16.014	.937	35.419	220
20	20.000	17.814	1.031	45.879	220
24	24.000	21.418	1.218	64.959	210

Manufactured in strict compliance with ASTM F441

*For water at 73.4°F. with solvent-cemented joints.

Threading recommended for Schedule 80 only.

Threaded pipe requires a 50% pressure de-rating.

Pressure de-rating factors furnished by material supplier are 140°F.=0.50 and 200°F.=0.20 of 73.4°F. working pressures.

Harvel® BlazeMaster® CPVC Fire Sprinkler Pipe – SDR 13.5

Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.
3/4	1.050	.874	.078	.168
1	1.315	1.101	.097	.262
1-1/4	1.660	1.394	.123	.418
1-1/2	1.900	1.598	.141	.548
2	2.375	2.003	.176	.859
2-1/2	2.875	2.423	.213	1.257
3	3.500	2.950	.259	1.867

UL-Listed for max. pressure of 175 psi @ 150°F for all sizes

Manufactured in strict compliance with ASTM F442

Harvel® HydroKing® CTS CPVC Pipe – SDR 11

Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.
1/2	.625	.469	.068	.090
3/4	.875	.695	.080	.149
1	1.125	.901	.102	.240
1-1/4	1.375	1.105	.125	.353
1-1/2	1.625	1.309	.148	.489
2	2.125	1.716	.193	.829

Maximum pressure rating 100 psi @ 180°F (400 psi @ 73°F) for all sizes

Manufactured in strict compliance with ASTM D2846

NOTES:

All CPVC pipe is produced from compounds which conform to ASTM D1784.

ASTM D1784 Material Classification Equivalents:

CPVC = Type IV Grade I = CPVC 4120
= Minimum Cell Classification 23447.

All CPVC piping is manufactured from NSF-Approved compounds and are NSF-Listed for potable water use.

Harvel® FlowGuard Gold® CTS CPVC Pipe – SDR 11

Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.
1/2	.625	.469	.068	.090
3/4	.875	.695	.080	.149
1	1.125	.901	.102	.240
1-1/4	1.375	1.105	.125	.353
1-1/2	1.625	1.309	.148	.489
2	2.125	1.716	.193	.829

Maximum pressure rating 100 psi @ 180°F (400 psi @ 73°F) for all sizes

Manufactured in strict compliance with ASTM D2846

Harvel® HydroKing® Commercial IPS CPVC Pipe – SDR 11

Nominal Pipe Size (in.)	O.D.	Average I.D.	Min. Wall	Nominal Wt./ft.
2-1/2	2.875	2.322	.261	1.487
3	3.500	2.825	.318	2.210
4	4.500	3.633	.409	3.649

Maximum pressure rating 100 psi @ 180°F (400 psi @ 73°F) for all sizes

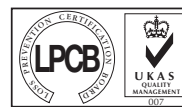
Manufactured in strict compliance with ASTM F442



610-252-7355 • www.harvel.com

300 Kuebler Road, P.O. Box 757, Easton, PA 18044-0757
Fax: 610-253-4436 • email: harvel@harvel.com

Harvel® HydroKing® and Harvel LXT® are registered trademarks of Harvel Plastics, Inc.
BlazeMaster® and FlowGuard Gold® are registered trademarks of The Lubrizol Corporation.
©2008 Harvel Plastics, Inc. – All rights reserved.



Harvel Plastics, Inc.
Quality Systems Certificate Nos. 270/455
Assessed to ISO 9001



Distributed by: