

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

GF 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.



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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

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.

NOTES: Complete range of PVC fittings in Sch 40 clear and Sch 40 gray.
Complete line of GF 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®)
Refer to GF Harvel Engineering and Installation Guide (Product Bulletin 112/401) for additional information.

GF Harvel® Corzan® 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	.091	780
3/8	.675	.483	.091	.122	620
1/2	.840	.608	.109	.180	600
3/4	1.050	.810	.113	.239	480
1	1.315	1.033	.133	.352	450
1-1/4	1.660	1.364	.140	.475	370
1-1/2	1.900	1.592	.145	.568	330
2	2.375	2.049	.154	.761	280
2-1/2	2.875	2.445	.203	1.201	300
3	3.500	3.042	.216	1.572	260
3-1/2	4.000	3.520	.226	1.905	240
4	4.500	3.998	.237	2.239	220
5	5.563	5.017	.258	3.095	190
6	6.625	6.031	.280	3.945	180
8	8.625	7.943	.322	5.958	160
10	10.750	9.976	.365	8.458	140
12	12.750	11.890	.406	11.172	130
14	14.000	13.072	.437	13.262	130
16	16.000	14.940	.500	17.312	130
18	18.000	16.809	.562	22.586	130
20	20.000	18.743	.593	26.530	120
24	24.000	22.544	.687	36.916	120

Manufactured in strict compliance with ASTM F441

GF 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

Refer to the GF Harvel UL Approved Installation Instructions for listing limitations and other information.

GF 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

GF Harvel® Corzan® 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	.112	1130
3/8	.675	.407	.126	.154	920
1/2	.840	.528	.147	.225	850
3/4	1.050	.724	.154	.305	690
1	1.315	.935	.179	.449	630
1-1/4	1.660	1.256	.191	.618	520
1-1/2	1.900	1.476	.200	.751	470
2	2.375	1.913	.218	1.040	400
2-1/2	2.875	2.289	.276	1.584	420
3	3.500	2.864	.300	2.124	370
3-1/2	4.000	3.326	.318	2.607	350
4	4.500	3.786	.337	3.105	320
5	5.563	4.767	.375	4.343	290
6	6.625	5.709	.432	5.929	280
8	8.625	7.565	.500	9.051	250
10	10.750	9.492	.593	13.429	230
12	12.750	11.294	.687	18.458	230
14	14.000	12.410	.750	22.224	220
16	16.000	14.214	.843	28.557	220
18	18.000	16.014	.937	35.745	220
20	20.000	17.814	1.031	45.022	220
24	24.000	21.418	1.218	63.878	210

Manufactured in strict compliance with ASTM F441

GF 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.

Refer to GF Harvel Engineering and Installation Guide (Product Bulletin 112/401) for additional information.



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Assessed to ISO 9001
LPCB Ref. No. 270 – Harvel Plastics Easton
LPCB Ref. No. 455 – Harvel Plastics Bakersfield



ASTM **PPFA**

Distributed by:

PVC DUCT

PVC SEAMLESS EXTRUDED DUCT for Corrosive Fume and Drain Service

Size (in.)	Average O.D.	Average O.D. Tol.	O of R Tol.	Minimum Wall	Average Wall	Max. Wall	Wt. (lbs.) per ft.
6 x 1/8	6.625	±.020	±.050	.105	.122	.140	1.530
6	6.625	±.020	±.050	.172	.187	.202	2.275
7*	7.375	±.020	±.050	.172	.187	.202	2.534
8	8.625	±.020	±.075	.172	.187	.202	2.982
9*	9.375	±.025	±.075	.172	.187	.202	3.239
10	10.750	±.025	±.075	.172	.187	.202	3.733
11*	11.375	±.025	±.075	.172	.187	.202	3.944
12	12.750	±.025	±.075	.172	.187	.202	4.440
14	14.000	±.030	±.075	.172	.187	.202	4.884
16	16.000	±.030	±.075	.172	.187	.202	5.586
18	18.000	±.040	±.080	.172	.187	.202	6.750
20	20.000	±.070	±.140	.199	.219	.239	8.144
24	24.000	±.090	±.180	.230	.250	.270	11.163

O of R = Out of Roundness Factor at time of extrusion

*I.D. Sizes

PVC SHAPES

PVC HOLLOW ROUND BAR

Min. O.D. (in.)	Max. I.D. (in.)	Weight per ft.
1.312	.687	.663
1.500	.687	.911
1.625	.562	1.154
1.750	.500	1.377
1.900	.562	1.647
1.900	.906	1.410
2.000	1.250	1.285
2.125	.750	2.010
2.250	1.125	2.025
2.250	1.500	1.625
2.375	1.000	2.393
2.375	1.500	1.922
2.500	1.000	2.680
2.500	1.500	2.209
2.625	1.500	2.511
2.750	1.000	3.299
2.875	1.500	3.159
3.000	1.000	3.976
3.000	1.250	3.770
3.000	1.500	3.375
3.000	2.000	2.798
3.250	1.250	4.506
3.250	2.000	3.534
3.500	1.500	5.037
3.563	1.500	5.245
3.563	2.125	4.324
3.750	2.125	4.970
4.000	2.500	5.153
4.000	3.000	3.845
4.250	1.750	7.452
4.250	3.000	4.948
4.500	2.000	8.099
4.500	2.125	7.885
4.500	3.000	5.978
4.750	3.000	7.069
5.000	3.000	8.217
5.563	4.000	7.954
6.000	2.437	15.200
6.000	3.000	14.020
6.000	4.000	11.190
6.625	2.875	18.030
6.625	4.000	14.910
8.625	5.750	21.400

PVC SOLID ROUND BAR

Size (in.)	Weight per ft.			
	Gray	White	Black	Clear
1/4	.029	.029	.029	.029
3/8	.066	.066	.066	.066
1/2	.117	.117	.117	.117
5/8	.183	.183	.183	.183
3/4	.265	.265	.265	.265
7/8	.358	.358	.358	.358
1	.471	.471	.471	.471
1-1/8	.594	.594	.594	—
1-1/4	.736	.736	.736	—
1-3/8	.891	.891	.891	—
1-1/2	1.060	1.060	1.060	—
1-5/8	1.244	1.244	1.244	—
1-3/4	1.440	1.440	1.440	—
1-7/8	1.657	1.657	1.657	—
2	1.890	1.890	1.890	—
2-1/8	2.128	—	—	—
2-1/4	2.384	—	—	—
2-3/8	2.658	—	—	—
2-1/2	2.950	2.950	—	—
2-3/4	3.560	—	—	—
3	4.240	—	—	—
3-1/4	4.975	—	—	—
3-1/2	5.770	—	—	—
4	7.550	—	—	—
4-1/2	9.555	—	—	—
5	11.700	—	—	—
5-1/2	14.300	—	—	—
6	17.100	—	—	—
7	24.010	—	—	—
8	31.360	—	—	—
9	39.690	—	—	—
10	49.000	—	—	—
11	59.290	—	—	—
12	74.000	—	—	—

PVC SOLID HEXAGONAL BAR

Size (in.) Across Flats	Weight per ft.
7/16	.108
1/2	.142
9/16	.180
5/8	.222
11/16	.269
3/4	.320
13/16	.375
7/8	.435
1	.569
1-1/8	.721
1-1/4	.890
1-3/8	1.080
1-1/2	1.283
1-3/4	1.746
2	2.280

PVC SOLID RECTANGULAR BAR

Size (in.)	Weight per ft.
1/2 x 3/4	.225

PVC SOLID SQUARE BAR

Size (in.)	Weight per ft.
1/2	.157
5/8	.238
3/4	.360
1	.629
1-1/4	1.033
1-1/2	1.464
2	2.452

PVC ANGLE

Size (in.)	Weight per ft.		
	Gray	White	Clear
1 x 1 x 1/8	.141	.141	.141
1-1/4 x 1-1/4 x 3/16	.262	.262	.262
1-1/2 x 1-1/2 x 3/16	.316	.316	.316
1-1/2 x 1-1/2 x 1/4	.415	—	.415
2 x 2 x 1/4	.563	.563	.563

Shading indicates non-stocked sizes.

NOTES:

All PVC duct and shapes are manufactured from NSF Std. 61 Approved Type I, Grade I PVC compounds; Cell Classification 12454 per ASTM D1784.

ASTM D1784 material classification equivalents:

PVC Normal Impact = Type I Grade I = 1120 = Cell Classification 12454.

Custom sizes, lengths and colors are available.

Refer to GF Harvel Engineering and Installation Guide (Product Bulletin 112/401) for additional information.



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CORZAN® CPVC DUCT

CORZAN® CPVC SEAMLESS EXTRUDED DUCT for Corrosive Fume and Drain Service

Size (in.)	Average O.D.	Average O.D. Tol.	O of R Tol.	Minimum Wall	Average Wall	Max. Wall	Wt. (lbs.) per ft.
6	6.625	±.020	±.050	.172	.187	.202	2.555
8	8.625	±.020	±.075	.172	.187	.202	3.349
10	10.750	±.025	±.075	.172	.187	.202	4.192
12	12.750	±.025	±.075	.172	.187	.202	4.986
14	14.000	±.030	±.075	.172	.187	.202	5.485
16	16.000	±.030	±.075	.172	.187	.202	6.273
18	18.000	±.040	±.080	.172	.187	.202	7.580
20	20.000	±.070	±.140	.199	.219	.239	9.146
24	24.000	±.090	±.180	.230	.250	.270	12.536

O of R = Out of Roundness Factor at time of extrusion

CORZAN® CPVC SHAPES

CORZAN® CPVC HOLLOW ROUND BAR		
Min. O.D. (in.)	Max. I.D. (in.)	Weight per ft.
1.625	.562	1.288
2.125	.750	2.243
2.250	1.125	2.260
2.375	1.000	2.671
2.625	1.500	2.802
2.750	1.000	3.682
2.875	1.500	3.525
3.000	1.250	4.207
3.563	1.500	5.853
4.000	2.500	5.751
4.250	1.750	8.316
4.750	3.000	7.889
5.000	3.000	9.170
6.625	2.875	20.121
6.625	4.000	16.640

CORZAN® CPVC SOLID ROUND BAR	
Size (in.)	Weight per ft.
1/4	.032
3/8	.074
7/16	.105
1/2	.131
5/8	.204
3/4	.296
1	.526
1-1/8	.663
1-1/4	.821
1-3/8	.994
1-1/2	1.183
1-5/8	1.388
1-3/4	1.618
2	2.109
2-3/8	2.966
2-1/2	3.375
3	4.595
3-1/2	6.439
4	8.460
5	13.950
6	20.395

CORZAN® CPVC SOLID HEXAGONAL BAR	
Size (in.) Across Flats	Weight per ft.
7/16	.121
1/2	.159
9/16	.202
5/8	.249
3/4	.359
13/16	.421
7/8	.489
1	.639
1-1/8	.810
1-1/4	.999
1-3/8	1.213
1-1/2	1.441
2	2.560

CORZAN® CPVC ANGLE	
Size (in.)	Weight per ft.
1 x 1 x 1/8	.180
1-1/4 x 1-1/4 x 3/16	.325
1-1/2 x 1-1/2 x 3/16	.395
1-1/2 x 1-1/2 x 1/4	.480
2 x 2 x 1/4	.645

Shading indicates non-stocked sizes.

NOTES:

All CPVC duct and shapes are manufactured from Type IV, Grade I CPVC compounds; Cell Classification 23447 per ASTM D1784.

ASTM D1784 material classification equivalents:

CPVC Normal Impact = Type IV Grade I = 4120 = Cell Classification 23447.

Various configurations of machining shapes produced from specialty Corzan® 4910 CPVC are also available. Corzan® 4910 shapes offer exceptional fire performance characteristics, and can be used in the joining of duct, sheet and other components for use in the construction of wet benches and other units used in clean room workstations. Harvel® Corzan® 4910 products are off-white in color signifying cleanliness.

GF Harvel® CPVC duct is extruded from Corzan® compounds supplied by The Lubrizol Corporation.

Refer to GF Harvel Engineering and Installation Guide (Product Bulletin 112/401) for additional information.



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Assessed to ISO 9001
LPCB Ref. No. 270 - Harvel Plastics Easton
LPCB Ref. No. 455 - Harvel Plastics Bakersfield



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