

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.



Georg Fischer Harvel LLC

P.O. BOX 757 Easton, PA 18044-0757
USA

Phone +1 (610) 252-7355

Fax +1 (610) 253-4436

us.ps@georgfischer.com

www.harvel.com

www.gfpiping.com

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.



Georg Fischer Harvel LLC
P.O. BOX 757 Easton, PA 18044-0757
USA
Phone +1 (610) 252-7355
Fax +1 (610) 253-4436
us.ps@georgfischer.com
www.harvel.com
www.gfpiping.com



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



Distributed by: