Section 5

Specialty Pipe

Effective August 27, 2012

HARVEL®



P1300041

+GF+

GEORG FISCHER
PIPING SYSTEMS

P1300041

The technical information given in this publication implies no warranty of any kind and is subject to change without notice. Please consult our Terms and Conditions of Sale.

For more information about any of our product lines, please call (800) 854-4090.

Specialty Pipe

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Specifications and Standards

Specifications and Standards

NSF/ANSI Standard 14

NSF/ANSI Standard 61

ASTM D 1784 : Material PVC Type I, Grade I White, Cell Classification 12454

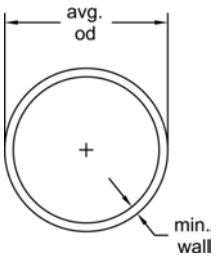
ASTM D 1785 : PVC Schedule 120 Pipe

ASTM D 2241 : PVC SDR Series Pipe

ASTM D 22846 : Copper Tube Size (CTS) Hot and Cold Water Plumbing Pipe

Specialty Pipe

Harvel Specialized PVC Pipe Sizes





Schedule 120 PVC Pressure Pipe

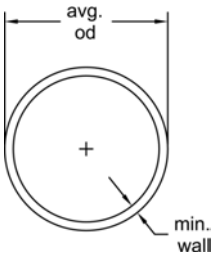
Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints
Belled-end pipe available upon request

Pipe Size [inch]	Part No.	USD
½	**H1200050PG2000 ***	**Call**
¾	**H1200075PG2000 ***	**Call**
1	**H1200100PG2000 ***	**Call**
1 ¼	**H1200125PG2000 ***	**Call**
1 ½	**H1200150PG2000 ***	**Call**
2	**H1200200PG2000 ***	**Call**
2 ½	**H1200250PG2000 ***	**Call**
3	**H1200300PG2000 ***	**Call**
4	**H1200400PG2000 ***	**Call**
6	**H1200600PG2000 ***	**Call**
8	**H1200800PG2000 ***	**Call**

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
½	5700	0.840	0.480	0.170	0.223	1010
¾	5260	1.050	0.690	0.170	0.295	770
1	4280	1.315	0.891	0.200	0.440	720
1 ¼	2360	1.660	1.204	0.215	0.614	600
1 ½	2060	1.900	1.423	0.225	0.744	540
2	1660	2.375	1.845	0.250	1.052	470
2 ½	1080	2.875	2.239	0.300	1.529	470
3	840	3.500	2.758	0.350	2.184	440
4	400	4.500	3.572	0.437	3.516	430
6	220	6.625	5.434	0.562	6.759	370
8	140	8.625	7.103	0.718	11.251	380

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

Specialty Pipe

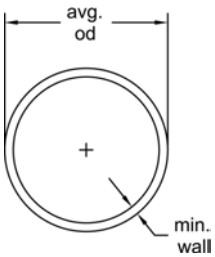


SDR 13.5 PVC Pressure Pipe - Gray

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints
Belled-end pipe available upon request

Pipe Size [inch]	Gray Part No. Part No.	USD	
½	H1350050PG2000 *	Call	

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]	
½	5700	0.840	0.696	0.062	0.104	315	



SDR 13.5 PVC Pressure Pipe - White

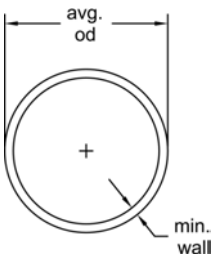
Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints
Belled-end pipe available upon request

Size [inch]	Part No.	USD	
½	H1350050PW2000 *	Call	

Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]	
½	5700	0.840	0.696	0.062	0.104	315	

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

Specialty Pipe





SDR 21 PVC Pressure Pipe - Gray

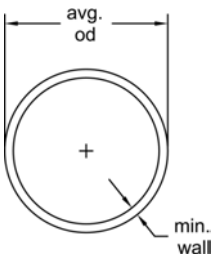
Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints
Belled-end pipe available upon request

Pipe Size [inch]	Part No.	USD
¾	**H0210075PG2000 ***	**Call**
1	**H0210100PG2000 ***	**Call**
1 ¼	**H0210125PG2000 ***	**Call**
1 ½	**H0210150PG2000 ***	**Call**
2	**H0210200PG2000 ***	**Call**
2 ½	**H0210250PG2000 ***	**Call**
3	**H0210300PG2000 ***	**Call**
3 ½	**H0210350PG2000 ***	**Call**
4	**H0210400PG2000 ***	**Call**
5	**H0210500PG2000 ***	**Call**
6	**H0210600PG2000 ***	**Call**
8	**H0210800PG2000 ***	**Call**

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
¾	5260	1.050	0.910	0.060	0.129	200
1	4280	1.315	1.169	0.063	0.170	200
1 ¼	2360	1.660	1.482	0.079	0.263	200
1 ½	2060	1.900	1.700	0.090	0.339	200
2	1660	2.375	2.129	0.113	0.521	200
2 ½	1080	2.875	2.581	0.137	0.754	200
3	840	3.500	3.146	0.167	1.106	200
3 ½	520	4.000	3.596	0.190	1.443	200
4	400	4.500	4.046	0.214	1.825	200
5	340	5.563	5.001	0.265	2.792	200
6	220	6.625	5.955	0.316	3.964	200
8	140	8.625	7.755	0.410	6.679	200

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

Specialty Pipe





SDR 21 PVC Pressure Pipe - White

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints
Belled-end pipe available upon request

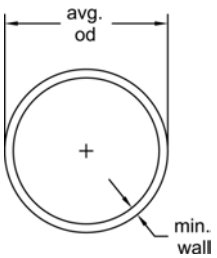
Pipe Size [inch]	Part No.	USD
¾	**H0210075PW2000 ***	**Call**
1	**H0210100PW2000 ***	**Call**
1 ¼	**H0210125PW2000 ***	**Call**
1 ½	**H0210150PW2000 ***	**Call**
2	**H0210200PW2000 ***	**Call**
2 ½	**H0210250PW2000 ***	**Call**
3	**H0210300PW2000 ***	**Call**
3 ½	**H0210350PW2000 ***	**Call**
4	**H0210400PW2000 ***	**Call**
5	**H0210500PW2000 ***	**Call**
6	**H0210600PW2000 ***	**Call**
8	**H0210800PW2000 ***	**Call**

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
¾	5260	1.050	0.910	0.060	0.129	200
1	4280	1.315	1.169	0.063	0.170	200
1 ¼	2360	1.660	1.482	0.079	0.263	200
1 ½	2060	1.900	1.700	0.090	0.339	200
2	1660	2.375	2.129	0.113	0.521	200
2 ½	1080	2.875	2.581	0.137	0.754	200
3	840	3.500	3.146	0.167	1.106	200
3 ½	520	4.000	3.596	0.190	1.443	200
4	400	4.500	4.046	0.214	1.825	200
5	340	5.563	5.001	0.265	2.792	200
6	220	6.625	5.955	0.316	3.964	200
8	140	8.625	7.755	0.410	6.679	200

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Specialty Pipe

SDR 26 PVC Pressure Pipe - Gray





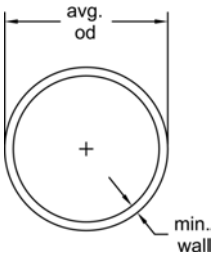
Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints
Belled-end pipe available upon request

Pipe Size [inch]	Part No.	USD
1	**H0260100PG2000 ***	**Call**
1 ¼	**H0260125PG2000 ***	**Call**
1 ½	**H0260150PG2000 ***	**Call**
2	**H0260200PG2000 ***	**Call**
2 ½	**H0260250PG2000 ***	**Call**
3	**H0260300PG2000 ***	**Call**
3 ½	**H0260350PG2000 ***	**Call**
4	**H0260400PG2000 ***	**Call**
5	**H0260500PG2000 ***	**Call**
6	**H0260600PG2000 ***	**Call**
8	**H0260800PG2000 ***	**Call**
10	**H0261000PG2000 ***	**Call**
12	**H0261200PG2000 ***	**Call**
14	**H0261400PG2000 ***	**Call**
16	**H0261600PG2000 ***	**Call**
18	**H0261800PG2000 ***	**Call**
20	**H0262000PG2000 ***	**Call**
24	**H0262400PG2000 ***	**Call**

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
1	4280	1.315	1.175	0.060	0.164	160
1 ¼	2360	1.660	1.512	0.064	0.221	160
1 ½	2060	1.900	1.734	0.073	0.284	160
2	1660	2.375	2.173	0.091	0.432	160
2 ½	1080	2.875	2.635	0.110	0.622	160
3	840	3.500	3.210	0.135	0.915	160
3 ½	520	4.000	3.672	0.154	1.183	160
4	400	4.500	4.134	0.173	1.494	160
5	340	5.563	5.109	0.214	2.288	160
6	220	6.625	6.085	0.255	3.228	160
8	140	8.625	7.921	0.332	5.468	160
10	100	10.750	9.874	0.413	8.492	160
12	100	12.750	11.710	0.490	11.956	160
14	60	14.000	12.860	0.538	14.430	160
16	60	16.000	14.696	0.615	18.810	160
18	40	18.000	16.534	0.692	23.860	160
20	40	20.000	18.370	0.769	29.470	160
24	40	24.000	22.043	0.923	42.520	160

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

Specialty Pipe





SDR 26 PVC Pressure Pipe - White

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints
Belled-end pipe available upon request

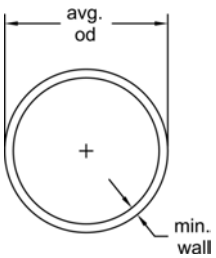
Pipe Size [inch]	Part No.	USD
1	**H0260100PW2000 ***	**Call**
1 ¼	**H0260125PW2000 ***	**Call**
1 ½	**H0260150PW2000 ***	**Call**
2	**H0260200PW2000 ***	**Call**
2 ½	**H0260250PW2000 ***	**Call**
3	**H0260300PW2000 ***	**Call**
3 ½	**H0260350PW2000 ***	**Call**
4	**H0260400PW2000 ***	**Call**
5	**H0260500PW2000 ***	**Call**
6	**H0260600PW2000 ***	**Call**
8	**H0260800PW2000 ***	**Call**
10	**H0261000PW2000 ***	**Call**
12	**H0261200PW2000 ***	**Call**
14	**H0261400PW2000 ***	**Call**
16	**H0261600PW2000 ***	**Call**
18	**H0261800PW2000 ***	**Call**
20	**H0262000PW2000 ***	**Call**
24	**H0262400PW2000 ***	**Call**

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
1	4280	1.315	1.175	0.060	0.164	160
1 ¼	2360	1.660	1.512	0.064	0.221	160
1 ½	2060	1.900	1.734	0.073	0.284	160
2	1660	2.375	2.173	0.091	0.432	160
2 ½	1080	2.875	2.635	0.110	0.622	160
3	840	3.500	3.210	0.135	0.915	160
3 ½	520	4.000	3.672	0.154	1.183	160
4	400	4.500	4.134	0.173	1.494	160
5	340	5.563	5.109	0.214	2.288	160
6	220	6.625	6.085	0.255	3.228	160
8	140	8.625	7.921	0.332	5.468	160
10	100	10.750	9.874	0.413	8.492	160
12	100	12.750	11.710	0.490	11.956	160
14	60	14.000	12.860	0.538	14.430	160
16	60	16.000	14.696	0.615	18.810	160
18	40	18.000	16.534	0.692	23.860	160
20	40	20.000	18.370	0.769	29.470	160
24	40	24.000	22.043	0.923	42.520	160

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

Prices effective 8/27/12. See www.gfpiping.com for updated information.

Specialty Pipe



SDR 41 PVC Pressure Pipe

Max Water Pressure at 73°F with solvent-cemented joints
Belled-end pipe available upon request

Size [inch]	Part No.	USD
18	**H0411800PG2000 ***	**Call**
20	**H0412000PG2000 ***	**Call**
24	**H0412400PG2000 ***	**Call**



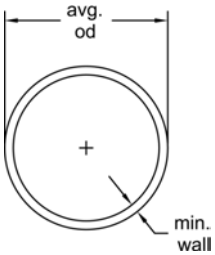
Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
18	40	18.000	17.070	0.439	15.370	100
20	40	20.000	18.970	0.488	18.920	100
24	40	24.000	22.748	0.585	27.320	100

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

Specialty Pipe

CTS CPVC Plumbing Pipe





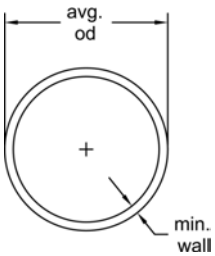
HydroKing® CTS CPVC Pipe
Tan Pipe - 10 ft lengths

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints
100 psi @ 180°F

Size [inch]	Part No.	USD
½	**H0110050CTH10 ***	**Call**
¾	**H0110075CTH10 ***	**Call**
1	**H0110100CTH10 ***	**Call**
1 ¼	**H0110125CTH10 ***	**Call**
1 ½	**H0110150CTH10 ***	**Call**
2	**H0110200CTH10 ***	**Call**

Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
½	5700	0.625	0.469	0.068	0.090	400
¾	5260	0.875	0.695	0.080	0.149	400
1	4280	1.125	0.901	0.102	0.240	400
1 ¼	2360	1.375	1.105	0.125	0.353	400
1 ½	2060	1.625	1.309	0.148	0.489	400
2	1660	2.125	1.716	0.193	0.829	400





Harvel FlowGuard Gold® CTS CPVC Pipe
Tan Pipe - 10 ft lengths

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints
100 psi @ 180°F

Size [inch]	Part No.	USD
½	**H0110050CTG10 ***	**Call**
¾	**H0110075CTG10 ***	**Call**
1	**H0110100CTG10 ***	**Call**
1 ¼	**H0110125CTG10 ***	**Call**
1 ½	**H0110150CTG10 ***	**Call**
2	**H0110200CTG10 ***	**Call**

Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
½	5700	0.625	0.469	0.068	0.090	400
¾	5260	0.875	0.695	0.080	0.149	400
1	4280	1.125	0.901	0.102	0.240	400
1 ¼	2360	1.375	1.105	0.125	0.353	400
1 ½	2060	1.625	1.309	0.148	0.489	400
2	1660	2.125	1.716	0.193	0.829	400

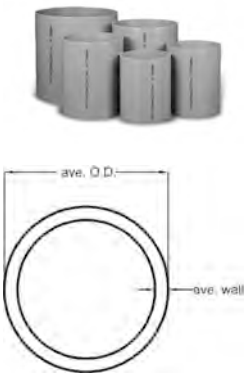
^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

Prices effective 8/27/12. See www.gfpiping.com for updated information.

Specialty Pipe

Corrosion Resistant Duct

PVC Corrosion Resistant Duct
Gray Duct - 20 ft lengths



O of R = Out of Roundness Factor at time of extrusion
Refer to GF Harvel Engineering &Installation Guide for additional information

Size [inch]	Part No.	USD
6 x 1/8	**HDUC0600PG2000 ***	**Call**
6	**HDUC0601PG2000 ***	**Call**
7	**HDUC0700PG2000 ***	**Call**
8	**HDUC0800PG2000 ***	**Call**
9	**HDUC0900PG2000 ***	**Call**
10	**HDUC1000PG2000 ***	**Call**
11	**HDUC1100PG2000 ***	**Call**
12	**HDUC1200PG2000 ***	**Call**
14	**HDUC1400PG2000 ***	**Call**
16	**HDUC1600PG2000 ***	**Call**
18	**HDUC1800PG2000 ***	**Call**
20	**HDUC2000PG2000 ***	**Call**
24	**HDUC2400PG2000 ***	**Call**

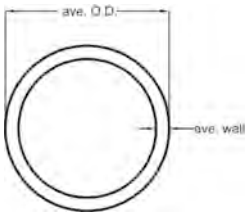
Size [inch]	Average O.D. [inch]	Avg. OD Tol. [inch]	O of R Tol. [inch]	Min. Wall [inch]	Average Wall [inch]	Max. Wall [inch]	Wt/Ft [lb/ft]
6 x 1/8	6.625	±0.020	±0.050	0.105	0.122	0.140	1.530
6	6.625	±0.020	±0.050	0.172	0.187	0.202	2.275
7	7.737	±0.020	±0.050	0.172	0.187	0.202	2.534
8	8.625	±0.020	±0.075	0.172	0.187	0.202	2.982
9	9.375	±0.025	±0.075	0.172	0.187	0.202	3.239
10	10.750	±0.025	±0.075	0.172	0.187	0.202	3.733
11	11.375	±0.025	±0.075	0.172	0.187	0.202	3.944
12	12.750	±0.025	±0.075	0.172	0.187	0.202	4.440
14	14.000	±0.030	±0.075	0.172	0.187	0.202	4.884
16	16.000	±0.030	±0.075	0.172	0.187	0.202	5.586
18	18.000	±0.040	±0.080	0.172	0.187	0.202	6.750
20	20.000	±0.070	±0.140	0.199	0.219	0.239	8.144
24	24.000	±0.090	±0.180	0.230	0.250	0.270	11.163

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

Specialty Pipe

CPVC Corrosion Resistant Duct





O of R = Out of Roundness Factor at time of extrusion
Refer to GF Harvel Engineering &Installation Guide for additional information

Size [inch]	Part No.	USD
6	**HDUC0600CG2000 ***	**Call**
8	**HDUC0800CG2000 ***	**Call**
10	**HDUC1000CG2000 ***	**Call**
12	**HDUC1200CG2000 ***	**Call**
14	**HDUC1400CG2000 ***	**Call**
16	**HDUC1600CG2000 ***	**Call**
18	**HDUC1800CG2000 ***	**Call**
20	**HDUC2000CG2000 ***	**Call**
24	**HDUC2400CG2000 ***	**Call**

Size [inch]	Average O.D. [inch]	Avg. OD Tol. [inch]	O of R Tol. [inch]	Min. Wall [inch]	Average Wall [inch]	Max. Wall [inch]	Wt/Ft [lb/ft]
6	6.625	±0.020	±0.050	0.172	0.187	0.202	2.555
8	8.625	±0.020	±0.075	0.172	0.187	0.202	3.349
10	10.750	±0.025	±0.075	0.172	0.187	0.202	4.192
12	12.750	±0.025	±0.075	0.172	0.187	0.202	4.986
14	14.000	±0.030	±0.075	0.172	0.187	0.202	5.485
16	16.000	±0.030	±0.075	0.172	0.187	0.202	6.273
18	18.000	±0.040	±0.075	0.172	0.187	0.202	7.580
20	20.000	±0.070	±0.140	0.199	0.219	0.239	9.146
24	24.000	±0.090	±0.180	0.230	0.250	0.270	12.536

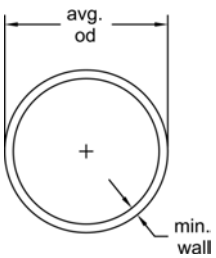
^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

Specialty Pipe

EnviroKing® UV Resistant Pipe

EnviroKing® UV Resistant Clear PVC Pipe
Thinwall - 10 ft lengths





Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints

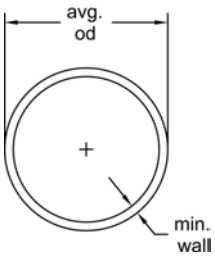
Size [inch]	Part No.	USD
2	**HTW00200EK1000 ***	**Call**
3	**HTW00300EK1000 ***	**Call**
4	**HTW00400EK1000 ***	**Call**
6	**HTW00600EK1000 ***	**Call**
8	**HTW00800EK1000 ***	**Call**
10	**HTW01000EK1000 ***	**Call**
12	**HTW01200EK1000 ***	**Call**

Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
2	1660	2.375	2.173	0.091	0.456	80
3	840	3.500	3.210	0.135	0.966	80
4	400	4.500	4.134	0.173	1.569	80
6	220	6.625	6.251	0.172	2.391	70
8	140	8.625	8.251	0.172	3.134	53
10	100	10.750	10.376	0.172	3.923	43
12	100	12.750	12.376	0.172	4.666	36

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

Specialty Pipe





EnviroKing UV Resistant Clear PVC Pipe
Schedule 40 - 10 ft lengths

Max Water Pressure at 73°F (22.7°C) with solvent-cemented joints

Pipe Size [inch]	Part No.	USD
½	**H0400050EK1000 ***	**Call**
¾	**H0400075EK1000 ***	**Call**
1	**H0400100EK1000 ***	**Call**
1 ¼	**H0400125EK1000 ***	**Call**
1 ½	**H0400150EK1000 ***	**Call**
2	**H0400200EK1000 ***	**Call**
2 ½	**H0400250EK1000 ***	**Call**
3	**H0400300EK1000 ***	**Call**
3 ½	**H0400400EK1000 ***	**Call**
4	**H0400500EK1000 ***	**Call**
6	**H0400600EK1000 ***	**Call**

Pipe Size [inch]	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]	Max Water Pressure [psi]
½	5700	0.840	0.602	0.109	0.170	300
¾	5260	1.050	0.804	0.113	0.226	240
1	4280	1.315	1.029	0.133	0.333	220
1 ¼	2360	1.660	1.360	0.140	0.450	180
1 ½	2060	1.900	1.590	0.145	0.537	170
2	1660	2.375	2.047	0.154	0.720	140
2 ½	1080	2.875	2.445	0.203	1.136	150
3	840	3.500	3.042	0.216	1.488	130
3 ½	520	4.000	3.521	0.226	1.789	120
4	400	4.500	3.998	0.237	2.118	110
6	220	6.625	6.031	0.280	3.733	90

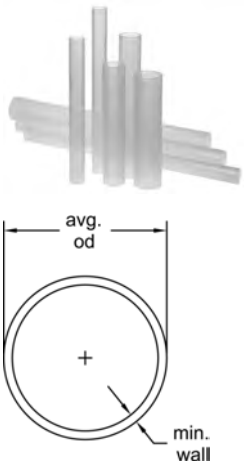
^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

Prices effective 8/27/12. See www.gfpiping.com for updated information.

Specialty Pipe

Containment Pipe

FlameTech™ Containment Pipe
Schedule 40 - 10 ft lengths



Pipe Size [inch]	Part No.	USD	Lift Qty [ft]	Average O.D. [inch]	Average I.D. [inch]	Min. Wall [inch]	Wt/Ft [lb/ft]
½	**H0400050LS1000 ***	**Call**	5700	0.840	0.608	0.109	0.190
¾	**H0400075LS1000 ***	**Call**	5260	1.050	0.810	0.113	0.253
1	**H0400100LS1000 ***	**Call**	4280	1.315	1.033	0.133	0.371
1 ¼	**H0400125LS1000 ***	**Call**	2360	1.660	1.364	0.140	0.502
1 ½	**H0400150LS1000 ***	**Call**	2060	1.900	1.592	0.145	0.599
2	**H0400200LS1000 ***	**Call**	1080	2.375	2.049	0.154	0.803

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable