

Friction Losses per 100 Feet			
GPM	Pipe size In.	Velocity Ft.	Loss Ft. Head
2	0.5	2.1	7.4
2	0.5	4.21	27
6	0.5	6.31	57
8	0.5	8.42	98
10	0.5	10.52	147
12	0.75	7.22	53
15	0.75	9.02	80
18	0.75	10.84	108
20	1	7.44	42
25	1	9.3	64
30	1.25	6.43	23
35	1.25	7.51	31.2
40	1.25	8.58	40
45	1.25	9.65	50
50	1.5	7.87	28.4
55	1.5	8.6	34
60	1.5	9.44	39.6
65	1.5	10.23	45.9
70	2	7.15	18.4
75	2	7.66	20.9
80	2	8.17	23.7
85	2	8.68	26.5
90	2	9.19	29.4
95	2	9.7	32.6
100	2.5	6.54	12
110	2.5	7.18	14.5
120	2.5	7.84	16.8
130	2.5	8.48	18.7
140	2.5	9.15	22.3
150	2.5	9.81	25.5
160	3	7.26	11.8
170	3	7.71	13.3
180	3	8.17	14
190	3	8.63	15.5
200	3	9.08	17.8
220	3	9.99	21.3
240	4	6.13	6.2
260	4	6.64	7.2
280	4	7.15	8.2
300	4	7.66	9.3
320	4	8.17	10.5
340	4	8.68	11.7
360	4	9.19	13.1
380	4	9.69	14
400	5	6.54	5.4
450	5	7.35	6.7
500	5	8.17	8.1
550	5	8.99	9.6
600	5	9.8	11.3
650	6	7.38	5.4
700	6	7.95	6.21
750	6	8.5	7.12
800	6	9.08	7.96
850	6	9.65	8.95