

FRICITION LOSS FOR WATER

U.S Gallons per minute	1/8 In. (0.269" I.D.)			1/4 In. (0.364" I.D.)			3/8 In. (0.493" I.D.)			1/2 In. (0.622" I.D.)			U.S Gallons per minute
	V (Ft/Sec)	V ² /2g	hf (Ft/100 ft)	V	V ² /2g	hf	V	V ² /2g	hf	V	V ² /2g	hf	
0.2	1.13	0.020	2.72										0.2
0.4	2.26	0.079	16.2	1.23	0.024	3.7							0.4
0.6	3.39	0.178	33.8	1.85	0.053	7.6	1.01	0.016	1.74				0.6
0.8	4.52	0.317	57.4	2.47	0.095	12.7	1.34	0.028	2.89				0.8
1.0	5.65	0.495	87.0	3.08	0.148	19.1	1.68	0.044	4.3	1.06	0.017	1.86	1.0
1.5	8.48	1.12	188	4.62	0.332	40.1	2.52	0.099	8.93	1.58	0.039	2.85	1.5
2.0	11.3	1.98	324	6.17	0.591	69	3.36	0.176	15.0	2.11	0.069	4.78	2.0
2.5				7.71	0.923	105	4.2	0.274	22.6	2.64	0.108	7.16	2.5
3.0				9.25	1.33	148	5.04	0.395	31.8	3.17	0.156	10	3.0
3.5				10.79	1.81	200	5.88	0.538	42.6	3.70	0.212	13.3	3.5
4.0				12.33	2.36	259	6.72	0.702	54.9	4.22	0.277	17.1	4.0
4.5				13.87	2.99	326	7.56	0.889	68.4	4.75	0.351	21.3	4.5
5				15.42	3.69	398	8.4	1.1	83.5	5.28	0.433	25.8	5
6							10.1	1.58	118	6.34	0.624	36.5	6
7							11.8	2.15	158	7.39	0.849	48.7	7
8							13.4	2.81	205	8.45	1.11	62.7	8
9							15.1	3.56	258	9.5	1.40	78.3	9
10							16.8	4.39	316	10.6	1.73	95.9	10
12										12.7	2.49	136	12
14										14.8	3.40	183	14