

**FRICION PIPE LOSS CHART**

<b>GPM</b>	<b>PIPE SIZE IN.</b>	<b>VELOCITY FT PER SEC</b>	<b>HEAD LOSS PER 100 FT</b>		<b>GPM</b>	<b>PIPE SIZE IN.</b>	<b>VELOCITY FT PER SEC</b>	<b>HEAD LOSS PER 100 FT</b>	
2	0.5	2.1	7.4		140	2.5	9.15	22.3	
2	0.5	4.21	27		150	2.5	9.81	25.5	
6	0.5	6.31	57		160	3	7.26	11.8	
8	0.5	8.42	98		170	3	7.71	13.3	
10	0.5	10.52	147		180	3	8.17	14	
12	0.75	7.22	53		190	3	8.63	15.5	
15	0.75	9.02	80		200	3	9.08	17.8	
18	0.75	10.84	108		220	3	9.99	21.3	
20	1	7.44	42		240	4	6.13	6.2	
25	1	9.3	64		260	4	6.64	7.2	
30	1.25	6.43	23		280	4	7.15	8.2	
35	1.25	7.51	31.2		300	4	7.66	9.3	
40	1.25	8.58	40		320	4	8.17	10.5	
45	1.25	9.65	50		340	4	8.68	11.7	
50	1.5	7.87	28.4		360	4	9.19	13.1	
55	1.5	8.6	34		380	4	9.69	14	
60	1.5	9.44	39.6		400	5	6.54	5.4	
65	1.5	10.23	45.9		450	5	7.35	6.7	
70	2	7.15	18.4		500	5	8.17	8.1	
75	2	7.66	20.9		550	5	8.99	9.6	
80	2	8.17	23.7		600	5	9.8	11.3	
85	2	8.68	26.5			<b>PIPE SIZE</b>	<b>GL PER FT. VOLUME</b>	<b>PIPE SIZE</b>	<b>GL PER FT. VOLUME</b>
90	2	9.19	29.4			<b>0.5</b>	<b>0.0081</b>	<b>5</b>	<b>0.848</b>
95	2	9.7	32.6			<b>1</b>	<b>0.0039</b>	<b>6</b>	<b>1.0221</b>
100	2.5	6.54	12			<b>1.5</b>	<b>0.0763</b>	<b>7</b>	<b>1.662</b>
110	2.5	7.18	14.5			<b>2</b>	<b>0.1356</b>	<b>8</b>	<b>2.171</b>
120	2.5	7.84	16.8			<b>3</b>	<b>0.3053</b>	<b>9</b>	<b>2.747</b>
130	2.5	8.48	18.7			<b>4</b>	<b>0.5426</b>	<b>10</b>	<b>3.393</b>

ESTIMATE 10 GPM PER TANK JACKET