FRICTION LOSS IN RUBBER OR VINYL LINED FIRE HOSE

Flow In U.S. GPM	Pressure Loss in PSI per 100' Hose											Equal Length Siamesed Lines		
	.75"	1.0"	1.5"	1.75"	2.0"	2.5"	3.0"	3.5"	4.0"	5.0"	6.0"	2-2.5"	3-2.5"	2-3.0"
10	13.5	3.5												
20	50	12.5												
30	105	26												
40		44	4.5	3	1									
60		92	10	5	2.5									
95			22	11	5									
100			25	12	6	3	1							
125			37	21	10	4	1							
150			54	26	13.5	6	2							
175				34	18	8	3							
200				45	24	10	4	2						
225				57	30	12	4.5	2						
250				70	37.5	15	6	2.5						
275				82	45	17.5	7	3						
300				95	54	21	8	3.5	2			6	3	2
325					65	24.5	9.5	4	2.5			6.5	3	2.5
350					78	28	11	5	2.5			8	3.5	3
400					96	36	14	6	3	1		10	4.5	4
450						45	17.5	8	4	1.5		12.5	6	5
500						55	21	9.5	5	2		15.5	7	6
550							25.5	11.5	6	2		18.5	8.5	7
600							30	13.5	7	2.5		23	10	8.5
650							35	15.5	8.5	3		25.5	12	10
700							40.5	18	9.5	3.5	1	29.5	13.5	11.5
750							46	20	11.5	4	1	33.5	15.5	13
800							53	23	12.5	4.5	1.5	38	17.5	14.5
850								25.5	14.5	5	1.5	43	20	16.5
900								28	16	5.5	2	48	22.5	18.5
950								31	17.5	6	2		25	20.5
1000								34	19	6.5	2.5		28	22.5
1100								41	23	8	3		33	27
1200								49	27.5	9.5	4		39	32
1300								57	32.5	11	4.5		45	38
1400								66.5	38	13	5		52	44
1500								76.5	43	15	6		60	50
1750									59	20	8			
2000									77	26.5	10.5			
2500										41.5	16.5			

NOTE: These friction loss figures will vary accordingly with age and manufacturer of hose.