

10500	-	-	-	-	-	-	-	-	6.16	8.26	1.63	2.15
12000	-	-	-	-	-	-	-	-	7.88	10.57	2.08	2.75
15000	-	-	-	-	-	-	-	-	11.93	16.00	3.15	4.16
18000	-	-	-	-	-	-	-	-	-	-	4.41	5.83
21000	-	-	-	-	-	-	-	-	-	-	5.87	7.76
24000	-	-	-	-	-	-	-	-	-	-	7.52	9.93

Friction loss in PVC fittings in equivalent feet of straight pipe

This chart gives friction losses for your given flow rate per 100 feet of pipe. Example: If you have 60 gallons per minute and you're using 2 inch schedule 80 pipe and you have a 160 feet of pipe, your friction loss is $8.12 \times 1.6 = 12.99$ feet. Note: It is best to keep your friction loss (per 100 feet of pipe) to less than five feet.

NORMAL PIPE SIZE (IN)	1"	1 1/2"	2"	2 1/2"	3"	4"
90° ELBOW, STANDARD	2.25	4.0	6.0	8.0	8.0	12.0
45° ELBOW, STANDARD	1.4	2.0	2.5	3.0	4.0	5.0
INSERT COUPLING	1.0	1.5	2.0	3.0	3.0	4.0
GATE VALVE	.6	1.0	1.5	1.6	2.0	3.0
MALE-FEMALE ADAPTERS	2.0	3.5	4.5	-	6.5	9.0
TEE - FLOW through RUN	1.7	2.7	4.3	5.1	6.3	8.3
TEE - FLOW THROUGH BRANCH	6.0	8.0	12.0	15.0	16.0	22.0