

WATER METERS

AWWA STANDARD PRESSURE LOSS: (PSI)

Flow G.P.M.	Nominal Size							Flow G.P.M.	Nominal Size						
	5/8	3/4	1	1-1/2	2	3	4		5/8	3/4	1	1-1/2	2	3	4
1	0.2	0.1						48			13.9	4.5	1.7		
2	0.3	0.2						50			15.0	4.9	1.9	0.7	
3	0.4	0.3						52				5.3	2.1		
4	0.6	0.5	0.1					54				5.7	2.2		
5	0.9	0.6	0.2					56				6.2	2.3		
6	1.3	0.7	0.3					58				6.7	2.5		
7	1.8	0.8	0.4					60				7.2	2.7	1.0	
8	2.3	1.0	0.5					65				8.3	3.2	1.1	
9	3.0	1.3	0.6					70				9.8	3.7	1.3	
10	3.7	1.6	0.7					75				11.3	4.3	1.5	
11	4.4	1.9	0.8					80				12.8	4.9	1.6	0.7
12	5.1	2.2	0.9					90				16.1	6.2	2.0	0.8
13	6.1	2.6	1.0					100				20.0	7.8	2.5	0.9
14	7.2	3.1	1.1					110					9.5	2.9	1.0
15	8.3	3.6	1.2					120					11.3	3.4	1.2
16	9.4	4.1	1.4	0.4				130					13.0	3.9	1.4
17	10.7	4.6	1.6	0.5				140					15.1	4.5	1.6
18	12.0	5.2	1.8	0.6				150					17.3	5.1	1.8
19	13.4	5.8	2.0	0.7				160					20.0	5.8	2.1
20	15.0	6.5	2.2	0.8				170						6.5	2.4
22		7.9	2.8	1.0				180						7.2	2.7
24		9.5	3.4	1.2				190						8.0	3.0
26		11.2	4.0	1.4				200						9.0	3.2
28		13.0	4.6	1.6				220						11.0	3.9
30		15.0	5.3	1.8	0.7			240						13.0	4.7
32			6.0	2.1	0.8			260						15.0	5.5
34			6.9	2.4	0.9			280						17.3	6.3
36			7.8	2.7	1.0			300						20.0	7.2
38			8.7	3.0	1.2			350							10.0
40			9.6	3.3	1.3			400							13.0
42			10.6	3.6	1.4			450							16.2
44			11.7	3.9	1.5			500							20.0
46			12.8	4.2	1.6										

PIPE FITTINGS

Expressed as Equivalent Footage of Pipe

Steel Fitting Type	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6	8
Coupling	.6	.8	1.0	1.2	1.5	2.0	2.5	3.0	4.0	6.0	8.0
Run of St. Tee	1	1	1.5	2	2	2.5	3	4	5	7	10
Tee, Side Outlet	3	4.5	5	7	9	11	13	16	20	31	42
Tee, Run Reduced 1/2"	1.5	2.5	3	4	5	6	7	8	12	16	20
Elbow, 90°	1.5	2.5	3	4	5	6	7	8	12	16	20
Elbow, 45°	.75	1	1.3	1.7	2	2.5	3	3.5	5	7.5	10
Corporation Stop	9	9	9	9	9	9					
Curb Stop	6	6	7	7	8	8					
Plastic IPS or Copper Fitting Type											
Coupling	1.5	2.5	3	3	4	6	7	8	11	18	24
Run of St. Tee	2.5	3	4	5	6	8	9	11	15	21	28
Tee, Side Outlet	7	9	12	15	18	24	30	36	45	70	90
Tee, Run Reduced 1/2"	3.5	4.5	6	8	9	11	14	17	24	35	45
Elbow, 90°	3.5	4.5	6	8	9	11	14	17	24	34	45
Elbow, 45°	1.5	2	3	3.5	4	5	7	8	10	16	20