



# Technical Bulletin

## Pipe Dimensions

When using the Seametrics online K-Factor Calculator, use the common pipe dimensions below. If your pipe type is not represented here, you will need to measure or get manufacturer's specs for Wall Thickness and Outside Diameter. Accuracy of the K-Factor Calculator depends upon accuracy of pipe dimensions.

Pipe dimensions below are measured in inches.

	Schedule 40		Schedule 80		Schedule 10S		Schedule 40S		Copper (L)		Copper (K)		Brass Pipe		Duct Iron (52)	
	O.D.	W.T.	O.D.	W.T.	O.D.	W.T.	O.D.	W.T.	O.D.	W.T.	O.D.	W.T.	O.D.	W.T.	O.D.	W.T.
3"	3.5	0.216	3.5	0.300	3.5	0.120	3.5	0.216	3.125	0.090	3.125	0.109	3.5	0.219	3.96	0.280
4"	4.5	0.237	4.5	0.337	4.5	0.120	4.5	0.237	4.125	0.110	4.125	0.134	4.5	0.250	4.8	0.290
6"	6.625	0.280	6.625	0.432	6.625	0.134	6.625	0.280	6.125	0.140	6.125	0.192	6.625	0.250	6.9	0.310
8"	8.625	0.322	8.625	0.500	8.625	0.148	8.625	0.322	8.125	0.200	8.125	0.271	8.625	0.312	9.050	0.330
10"	10.750	0.365	10.750	0.593	10.750	0.165	10.750	0.365	10.125	0.250	10.125	0.338	10.750	0.365	11.100	0.350
12"	12.750	0.406	12.750	0.687	12.750	0.180	12.750	0.375	12.125	0.280	12.125	0.405	12.750	0.375	13.200	0.370
14"	14.000	0.438	14.000	0.750	14.000	0.188	14.000	0.375							15.300	0.390
16"	16.000	0.500	16.000	0.843	16.000	0.188	16.000	0.375							17.400	0.400
18"	18.000	0.562	18.000	0.937	18.000	0.188	18.000	0.375							19.500	0.410
20"	20.000	0.593	20.000	1.031	20.000	0.218	20.000	0.375							21.600	0.420
24"	24.000	0.687	24.000	1.218	24.000	0.250	24.000	0.375							25.800	0.440
30"	Use Schedule 10S Pipe				30.000	0.312	30.000	0.375							32.000	0.470
36"	Use Schedule 10S Pipe				36.000	0.312	36.000	0.375							38.300	0.530

	HDPE DR 7		HDPE DR 9		HDPE DR 11		HDPE DR 13.5		HDPE DR 15.5	
	O.D.	W.T.	O.D.	W.T.	O.D.	W.T.	O.D.	W.T.	O.D.	W.T.
3"	3.500	0.500	3.500	0.389	3.500	0.318	3.500	0.259	3.500	0.226
4"	4.500	0.643	4.500	0.500	4.500	0.409	4.500	0.333	4.500	0.290
5"	5.375	-	5.375	-	5.375	0.489	5.375	-	5.375	-
5"	5.563	0.795	5.563	0.618	5.563	0.506	5.563	0.412	5.563	0.359
6"	6.625	0.946	6.625	0.736	6.625	0.602	6.625	0.491	6.625	0.427
7"	7.125	-	7.125	-	7.125	0.648	7.125	-	7.125	-
8"	8.625	1.232	8.625	0.958	8.625	0.784	8.625	0.639	8.625	0.556
10"	10.750	1.536	10.750	1.194	10.750	0.977	10.750	0.796	10.750	0.694
12"	12.750	1.821	12.750	1.417	12.750	1.159	12.750	0.944	12.750	0.823
14"	14.000	2.000	14.000	1.556	14.000	1.273	14.000	1.037	14.000	0.903
16"	16.00	2.286	16.00	1.778	16.00	1.455	16.00	1.185	16.00	1.032
18"	18.00	2.571	18.00	2.000	18.00	1.636	18.00	1.333	18.00	1.161
20"	20.00	2.857	20.00	2.222	20.00	1.818	20.00	1.481	20.00	1.290
22"	22.00	-	22.00	2.444	22.00	2.000	22.00	1.630	22.00	1.419
24"	24.00	-	24.00	2.667	24.00	2.182	24.00	1.778	24.00	1.548
26"	26.00	-	26.00	-	26.00	2.364	26.00	1.926	26.00	1.677
28"	28.00	-	28.00	-	28.00	2.545	28.00	2.074	28.00	1.806
30"	30.00	-	30.00	-	30.00	2.727	30.00	2.222	30.00	1.935
32"	32.00	-	32.00	-	32.00	-	32.00	2.370	32.00	2.065
36"	36.00	-	36.00	-	36.00	-	36.00	-	36.00	2.323