

Calibration Table for Pipe Sizes 3...36 Inches

See the column descriptions on the previous page for additional information about the calibration table.

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Pipe Size	Pipe O.D. (in.)	Pipe I.D. (in.)	K Value	Offset	Suggested Operating Range (gpm)
3 inch Sch 10S	3.5	3.260	5.009	0.090	12...400
Std. Wt., Sch 40	3.5	3.068	4.362	0.063	12...400
Extra Strong, Sch 80	3.5	2.900	3.858	0.043	12...400
PVC Class 125	3.5	3.284	5.094	0.093	12...400
PVC Class 160	3.5	3.230	4.902	0.085	12...400
PVC Class 200	3.5	3.166	4.682	0.076	12...400
4 inch Sch 10S	4.5	4.260	9.597	0.241	20...600
Std. Wt., Sch 40	4.5	4.026	8.34	0.229	20...600
Extra Strong, Sch 80	4.5	3.826	7.354	0.188	20...600
PVC Class 125	4.5	4.224	9.396	0.240	20...600
PVC Class 160	4.5	4.154	9.013	0.240	20...600
PVC Class 200	4.5	4.072	8.578	0.239	20...600
5 inch Sch 10S	5.563	5.295	16.305	0.250	30...900
Std. Wt., Sch 40	5.50	5.047	14.674	0.248	30...900
Extra Strong, Sch 80	5.50	4.813	13.165	0.246	30...900
6 inch Sch 10S	6.625	6.357	24.089	0.260	50...1500
Std. Wt., Sch 40	6.5	6.065	21.574	0.257	50...1500
Extra Strong, Sch 80	6.5	5.761	19.457	0.254	50...1500
PVC Class 125	6.625	6.217	22.853	0.258	50...1500
PVC Class 160	6.625	6.115	21.968	0.257	50...1500
PVC Class 200	6.625	5.993	21.068	0.256	50...1500
8 inch Sch 10S	8.625	8.329	43.914	0.286	80...2500
Sch 20	8.625	8.125	41.653	0.283	80...2500
Sch 30	8.625	8.071	41.063	0.283	80...2500
Std. Wt., Sch 40	8.625	7.981	40.086	0.281	80...2500
Sch 60	8.625	7.813	38.288	0.279	80...2500
Extra Strong, Sch 80	8.625	7.625	36.315	0.276	80...2500
PVC Class 125	8.625	8.095	41.324	0.283	80...2500
PVC Class 160	8.625	7.961	39.869	0.281	80...2500
PVC Class 200	8.625	7.805	38.203	0.279	80...2500
10 inch Sch 10S	10.75	10.420	70.195	0.321	125...4000
Sch 20	10.75	10.250	67.668	0.318	125...4000
Sch 30	10.75	10.136	66.069	0.316	125...4000
Sch 40, Std.Wt.	10.75	10.020	64.532	0.314	125...4000
Extra Strong, Sch 60	10.75	9.750	61.016	0.309	125...4000
Sch 80	10.75	9.564	58.644	0.306	125...4000
PVC Class 125	10.75	10.088	65.431	0.315	125...4000
PVC Class 160	10.75	9.924	63.272	0.312	125...4000
PVC Class 200	10.75	9.728	60.733	0.309	125...4000
12 inch Sch 10S	12.75	12.390	104.636	0.367	175...5000
Sch 20	12.75	12.250	102.553	0.364	175...5000
Sch 30	12.75	12.090	99.347	0.36	175...5000
Std. Wt., Sch 40S	12.75	12.000	97.576	0.358	175...5000
Sch 40	12.75	11.938	96.369	0.356	175...5000
Sch 60	12.75	11.625	90.441	0.348	175...5000
Extra Strong	12.75	11.750	92.775	0.351	175...5000
Sch 80	12.74	11.376	85.922	0.342	175...5000
PVC Class 125	12.75	11.966	96.912	0.357	175...5000
PVC Class 160	12.75	11.770	93.152	0.352	175...5000
PVC Class 200	12.75	11.538	88.842	0.346	175...5000

Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
Pipe Size	Pipe O.D. (in.)	Pipe I.D. (in.)	K Value	Offset	Suggested Operating Range (gpm)
14 inch Sch 10S	14.00	13.500	122.307	0.391	200...6000
Sch 20	14.00	13.375	120.216	0.388	200...6000
Std. Wt., Sch 30	14.00	13.250	118.151	0.385	200...6000
Sch 40	14.00	13.124	116.096	0.382	200...6000
Sch 60	14.00	12.814	111.148	0.376	200...6000
Extra Strong	14.00	13.00	114.098	0.33	200...6000
Sch 80	14.00	12.50	106.299	0.369	200...6000
16 inch Sch 10S	16.00	15.500	159.243	0.44	300...9000
Sch 20	16.00	15.375	156.742	0.436	300...9000
Std. Wt., Sch 30	16.00	15.250	154.267	0.433	300...9000
Sch 60	16.00	14.688	143.456	0.419	300...9000
Extra Strong, Sch 40	16.00	15.000	149.394	0.427	300...9000
Sch 80	16.00	14.314	136.548	0.41	300...9000
18 inch Sch 10S	18.00	17.500	202.739	0.498	350...10,000
Sch 20	18.00	17.375	199.828	0.494	350...10,000
Sch 30	18.00	17.124	194.061	0.486	350...10,000
Std. Wt.	18.00	17.250	196.943	0.49	350...10,000
Sch 40	18.00	16.876	188.464	0.479	350...10,000
Sch 60	18.00	16.500	180.171	0.469	350...10,000
Extra Strong	18.00	17.000	191.25	0.482	350...10,000
Sch 80	18.00	16.126	172.152	0.457	350...10,000
20 inch Std. Wt., Sch 20	20.00	19.25	246.179	0.555	400...12,000
Sch 40	20.00	18.812	234.836	0.540	400...12,000
Extra Strong, Sch 30	20.00	19.000	239.666	0.547	400...12,000
Sch 80	20.00	17.938	213.14	0.511	400...12,000
22 inch Std. Wt., Sch 20	22.00	21.25	301.975	0.621	500...15,000
Extra Strong, Sch 30	22.00	21.00	294.642	0.616	500...15,000
Sch 80	22.00	19.75	259.513	0.573	500...15,000
24 inch Std. Wt., Sch 20	24.00	23.25	364.331	0.666	600...18,000
Extra Strong	24.00	23.00	356.178	0.660	600...18,000
Sch 40	24.00	22.624	344.109	0.652	600...18,000
Sch 80	24.00	21.562	311.271	0.628	600...18,000
26 inch Sch 10	26.00	25.376	437.809	0.719	700...21,000
Std. Wt.	26.00	25.25	433.247	0.716	700...21,000
Sch 20, Extra Strong	26.00	25.00	424.274	0.709	700...21,000
28 inch Sch 10	28.00	27.376	513.698	0.774	900...23,000
Std. Wt.	28.00	27.25	508.723	0.770	900...23,000
Extra Strong, Sch 20	28.00	27.00	498.930	0.763	900...23,000
30 inch Sch 10	30.00	29.376	596.147	0.833	1000...30,000
Std. Wt.	30.00	29.25	590.759	0.829	1000...30,000
Sch 20, Extra Strong	30.00	29.00	580.146	0.822	1000...30,000
32 inch Sch 10	32.00	31.376	685.156	0.897	1200...35,000
Std. Wt.	32.00	31.25	679.355	0.893	1200...35,000
Sch 20, Extra Strong	32.00	31.00	667.922	0.885	1200...35,000
Sch 40	32.00	30.624	650.919	0.873	1200...35,000
34 inch Sch 10	34.00	33.312	777.566	0.964	1300...40,000
Std. Wt.	34.00	33.25	774.511	0.962	1300...40,000
Extra Strong, Sch 20	34.00	33.00	762.258	0.953	1300...40,000
Sch 40	34.00	32.624	744.022	0.940	1300...40,000
36 inch Sch 10	36.00	35.376	882.855	1.040	1500...45,000
Std. Wt.	36.00	35.25	876.227	1.035	1500...45,000
Sch 20, Extra Strong	36.00	35.00	863.154	1.025	1500...45,000
Sch 40	36.00	34.50	837.315	1.007	1500...45,000