

## Pipe Dimensions Pipe Chart

Outside Diameter	PS =Seamless, PW=Welded	Nominal OD (Inches)	Schedule Designations	Nominal Wall (inches)	Nominal ID (inches)	Max ID (inches)	Min ID (inches)
1/8	PS & PW	0.405	10 10S	0.049	0.307	0.335	0.255
	PS & PW	0.405	STD 40 40S	0.068	0.226	0.302	0.210
	PS & PW	0.405	XS 80 80S	0.095	0.225	0.255	0.145
1/4	PS & PW	0.540	10 10S	0.065	0.410	0.442	0.352
	PS & PW	0.540	STD 40 40S	0.088	0.364	0.402	0.297
	PS & PW	0.540	XS 80 80S	0.119	0.364	0.348	0.222
3/8	PS & PW	0.675	10 10S	0.065	0.545	0.577	0.487
	PS & PW	0.675	STD 40 40S	0.091	0.493	0.532	0.425
	PS & PW	0.675	XS 80 80S	0.126	0.423	0.471	0.341
1/2	PS & PW	0.840	5 5S	0.065	0.710	0.742	0.652
	PS & PW	0.840	10 10S	0.083	0.674	0.711	0.609
	PS & PW	0.840	STD 40 40S	0.109	0.622	0.665	0.546
	PS & PW	0.840	XS 80 80S	0.147	0.546	0.599	0.455
	PS & PW	0.840	160	0.188	0.464	0.527	0.357
	PS & PW	0.840	XX	0.294	0.252	0.342	0.102
	PS & PW	0.840					
3/4	PS & PW	1.050	5 5S	0.065	0.920	0.952	0.862
	PS & PW	1.050	10 10S	0.083	0.884	0.921	0.819
	PS & PW	1.050	STD 40 40S	0.113	0.824	0.868	0.747
	PS & PW	1.050	XS 80 80S	0.154	0.742	0.797	0.648
	PS & PW	1.050	160	0.219	0.612	0.683	0.492
	PS & PW	1.050	XX	0.308	0.434	0.527	0.279
1	PS & PW	1.315	5 5S	0.065	1.185	1.217	1.127
	PS & PW	1.315	10 10S	0.109	1.097	1.140	1.021
	PS & PW	1.315	STD 40 40S	0.133	1.049	1.098	0.964
	PS & PW	1.315	XS 80 80S	0.179	0.957	1.018	0.853
	PS & PW	1.315	160	0.250	0.815	0.894	0.683
	PS & PW	1.315	XX	0.358	0.559	0.705	0.424
1-1/4	PS & PW	1.660	5 5S	0.065	1.530	1.562	1.472
	PS & PW	1.660	10 10S	0.109	1.442	1.485	1.366
	PS & PW	1.660	STD 40 40S	0.140	1.380	1.431	1.292
	PS & PW	1.660	XS 80 80S	0.191	1.226	1.342	1.170
	PS & PW	1.660	160	0.250	1.160	1.239	1.028
	PS & PW	1.660	XX	0.382	0.896	1.008	0.711
1-1/2	PS & PW	1.900	5 5S	0.065	1.770	1.802	1.712
	PS & PW	1.900	10 10S	0.109	1.682	1.725	1.606
	PS & PW	1.900	STD 40 40S	0.145	1.610	1.662	1.520
	PS & PW	1.900	XS 80 80S	0.200	1.500	1.566	1.388
	PS & PW	1.900	160	0.281	1.338	1.424	1.194
	PS & PW	1.900	XX	0.400	1.100	1.216	0.908
2	PS & PW	2.375	5 5S	0.065	2.225	2.293	2.187
	PS & PW	2.375	10 10S	0.109	2.157	2.216	2.081
	PS & PW	2.375	STD 40 40S	0.154	2.067	2.138	1.973
	PS & PW	2.375	XS 80 80S	0.218	1.939	2.026	1.820
	PS & PW	2.375	160	0.344	1.687	1.805	1.517
	PS & PW	2.375	XX	0.436	1.503	1.644	1.297
2-1/2	PS & PW	2.875	5 5S	0.083	2.709	2.762	2.644
	PS & PW	2.875	10 10S	0.120	2.635	2.697	2.555
	PS & PW	2.875	STD 40 40S	0.203	2.469	2.552	2.356
	PS & PW	2.875	XS 80 80S	0.276	2.323	2.424	2.181
	PS & PW	2.875	160	0.375	2.125	2.251	1.943
	PS & PW	2.875	XX	0.552	1.771	1.941	1.518
3	PS & PW	3.500	5 5S	0.083	3.334	3.387	3.265
	PS & PW	3.500	10 10S	0.120	3.226	3.322	3.174

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3-1/2	PS & PW	3.500	STD 40 40S	0.216	3.068	3.154	2.971	
	PS & PW	3.500	XS 80 80S	0.300	2.900	3.007	2.778	
	PS & PW	3.500	160	0.483	2.624	2.687	2.357	
	PS & PW	3.500	XX	0.600	2.300	2.482	2.088	
	PS & PW	4.000	5 5S	0.083	3.834	3.887	3.765	
	PS & PW	4.000	10 10S	0.120	3.760	3.822	3.674	
	PS & PW	4.000	STD 40 40S	0.226	3.548	3.637	3.448	
	PS & PW	4.000	XS 80 80S	0.318	3.364	3.476	3.237	
	PS & PW	4.000	XX	0.636	2.728	2.919	2.505	
4	PS & PW	4.500	5 5S	0.083	4.334	4.387	4.265	
	PS & PW	4.500	10 10S	0.120	4.260	4.322	4.174	
	PS & PW	4.500	STD 40 40S	0.237	4.026	4.117	3.923	
	PS & PW	4.500	XS 80 80S	0.337	3.826	3.942	3.693	
4-1/2	PS & PW	5.000	10 10S	0.247	4.506	4.630	4.363	
	PS & PW	5.000	STD 40 40S	0.355	4.226	4.441	4.152	
	PS & PW	5.000	XS 80 80S	0.710	3.580	3.820	3.335	
5	PS & PW	5.563	5 5S	0.109	5.345	5.434	5.264	
	PS & PW	5.563	10 10S	0.134	5.226	5.391	5.203	
	PS & PW	5.563	STD 40 40S	0.258	5.047	5.174	4.899	
	PS & PW	5.563	XS 80 80S	0.375	4.813	4.969	4.669	
	PS & PW	5.563	120	0.500	4.563	4.750	4.381	
	PS & PW	5.563	160	0.625	4.313	4.531	4.094	
	PS & PW	5.563	XX	0.750	4.063	4.313	3.806	
6	PS & PW	6.625	5 5S	0.109	6.407	6.496	6.326	
	PS & PW	6.625	10 10S	0.134	6.357	6.453	6.265	
	PS & PW	6.625		0.188	6.225	6.358	6.132	
	PS & PW	6.625	STD 40 40S	0.280	6.065	6.197	5.907	
	PS & PW	6.625	XS 80 80S	0.432	5.761	5.931	5.599	
	PS & PW	6.625	120	0.562	5.501	5.704	5.300	
	PS & PW	6.625	160	0.719	5.187	5.429	4.939	
	PS & PW	6.625	XX	0.864	4.897	5.175	4.606	
7	PS & PW	7.625	STD 40 40S	0.310	7.005	7.145	6.834	
	PS & PW	7.625	XS 80 80S	0.500	6.625	6.812	6.443	
	PS & PW	7.625	XX	0.875	5.875	6.156	5.581	
8	PS & PW	8.625		5S	0.109	8.407	8.496	8.326
	PS & PW	8.625	10 10S	0.148	8.329	8.428	8.230	
	PS & PW	8.625	20	0.250	8.125	8.250	7.981	
	PS & PW	8.625	30	0.277	8.071	8.202	7.914	
	PS & PW	8.625	STD 40 40S	0.322	7.981	8.124	7.804	
	PS & PW	8.625	60	0.406	7.813	7.977	7.598	
	PS & PW	8.625	XS 80 80S	0.500	7.625	7.812	7.443	
	PS & PW	8.625	100	0.594	7.437	7.648	7.227	
	PS & PW	8.625	120	0.719	7.187	7.429	6.939	
	PS & PW	8.625	140	0.812	7.001	7.266	6.725	
	PS & PW	8.625	XX	0.875	6.875	7.156	6.581	
	PS & PW	8.625	160	0.906	6.813	7.102	6.509	
9	PS & PW	9.625	STD 40 40S	0.342	8.941	9.121	8.755	
	PS & PW	9.625	XS 80 80S	0.500	8.625	8.844	8.443	
	PS & PW	9.625	XX	0.875	7.875	8.188	7.581	
10	PS & PW	10.750		5S	0.134	10.482	10.390	
	PS & PW	10.750		10S	0.164	10.422	10.316	
	PS & PW	10.750			0.188	10.374	10.257	
	PS & PW	10.750	20	0.250	10.250	10.407	10.106	

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Outside Diameter	PS =Seamless, PW=Welded	Nominal OD (Inches)	Schedule Designations	Nominal Wall (inches)	Nominal ID (inches)	Max ID (inches)	Min ID (inches)
	PS & PW	10.750	30		0.307	10.136	9.966
	PS & PW	10.750	STD 40	40S	0.365	10.020	9.824
	PS & PW	10.750	XS 60	80S	0.500	9.750	9.493
	PS & PW	10.750	80		0.594	9.562	9.352
	PS & PW	10.750	100		0.719	9.312	9.064
	PS & PW	10.750	120		0.844	9.062	8.777
	PS & PW	10.750	140		1.000	8.750	8.418
	PS & PW	10.750	160		1.125	8.500	8.131
11	PS & PW	11.750	STD 40	40S	0.375	11.000	10.799
	PS & PW	11.750	XS 80	80S	0.500	10.750	10.493
	PS & PW	11.750	XX		0.875	10.000	9.706
12	PS & PW	12.750		5S	0.156	12.438	12.336
	PS & PW	12.750		10S	0.180	12.390	12.277
	PS & PW	12.750	20		0.250	12.250	12.106
	PS & PW	12.750	30		0.330	12.090	11.910
	PS & PW	12.750	STD 40	40S	0.375	12.000	11.799
	PS & PW	12.750	40		0.406	11.938	11.723
	PS & PW	12.750	XS 80	80S	0.500	11.750	11.493
	PS & PW	12.750	60		0.562	11.626	11.341
	PS & PW	12.750	80		0.688	11.374	11.136
	PS & PW	12.750	100		0.844	11.062	10.777
	PS & PW	12.750	120		1.000	10.750	10.418
	PS & PW	12.750	140		1.125	10.500	10.131
	PS & PW	12.750	160		1.312	10.126	9.700
14	PS & PW	14.000		10S	0.188	13.624	13.507
	PS & PW	14.000	10		0.250	13.500	13.356
	PS & PW	14.000	20		0.312	13.376	13.204
	PS & PW	14.000	STD 30	40S	0.375	13.250	13.049
	PS & PW	14.000	40		0.438	13.124	12.895
	PS & PW	14.000	XS 80	80S	0.500	13.000	12.743
	PS & PW	14.000	60		0.594	12.812	12.513
	PS & PW	14.000	80		0.750	12.500	12.513
	PS & PW	14.000	100		0.938	12.124	12.243
	PS & PW	14.000	120		1.094	11.812	11.811
	PS & PW	14.000	140		1.250	11.500	11.452
	PS & PW	14.000	160		1.406	11.188	11.093
16	PS & PW	16.000		10S	0.188	15.624	15.523
	PS & PW	16.000	10		0.250	15.549	15.507
	PS & PW	16.000	20		0.312	15.376	15.356
	PS & PW	16.000	STD 30	40S	0.375	15.250	15.204
	PS & PW	16.000	XS 40	80S	0.500	15.000	15.049
	PS & PW	16.000	60		0.656	14.688	14.743
	PS & PW	16.000	80		0.844	14.312	14.459
	PS & PW	16.000	100		1.031	13.938	14.027
	PS & PW	16.000	120		1.219	13.562	13.597
	PS & PW	16.000	140		1.438	13.124	13.164
	PS & PW	16.000	160		1.594	12.812	12.661
18	PS & PW	18.000		10S	0.188	17.624	17.507
	PS & PW	18.000	10		0.250	17.500	17.507
	PS & PW	18.000	20		0.312	17.376	17.356
	PS & PW	18.000	STD 40	40S	0.375	17.250	17.204
	PS & PW	18.000	30		0.438	17.124	17.049
	PS & PW	18.000	XS 80	80S	0.500	17.000	16.895

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Outside Diameter	PS =Seamless, PW=Welded	Nominal OD (Inches)	Schedule Designations	Nominal Wall (inches)	Nominal ID (inches)	Max ID (inches)	Min ID (inches)	
	PS & PW	18.000	40		0.562	16.876	17.219	16.743
	PS & PW	18.000	60		0.750	16.500	17.111	16.591
	PS & PW	18.000	80		0.938	16.124	16.782	16.243
	PS & PW	18.000	100		1.156	15.688	16.453	15.811
	PS & PW	18.000	120		1.375	15.250	16.071	15.309
	PS & PW	18.000	140		1.562	14.876	15.688	14.806
	PS & PW	18.000	160		1.781	14.438	15.361	14.375
20	PW	20.000		10S	0.218	19.564	17.008	15.783
	PW	20.000	10		0.250	19.500	19.744	19.456
	PW	20.000	STD	40S	0.375	19.250	19.688	19.381
	PW	20.000	XS	80S	0.500	19.000	19.469	19.087
	PW	20.000	40		0.594	18.812	19.250	18.793
	PW	20.000	60		0.812	18.376	19.086	18.572
	PW	20.000	80		1.031	17.938	18.704	18.060
	PW	20.000	100		1.281	17.438	18.321	17.545
	PW	20.000	120		1.500	17.000	17.883	16.958
	PW	20.000	140		1.750	16.500	17.500	16.443
	PW	20.000	160		1.969	16.062	17.063	15.856
	20	PS	20.000		10S	0.218	19.564	19.250
PS		20.000	10		0.250	19.500	19.744	19.434
PS		20.000	STD	40S	0.375	19.250	19.688	19.356
PS		20.000	XS	80S	0.500	19.000	19.469	19.049
PS		20.000	40		0.594	18.812	19.250	18.743
PS		20.000	60		0.812	18.376	19.086	18.513
PS		20.000	80		1.031	17.938	18.704	18.100
PS		20.000	100		1.281	17.438	18.321	17.597
PS		20.000	120		1.500	17.000	17.883	17.022
PS		20.000	140		1.750	16.500	17.500	16.518
PS		20.000	160		1.969	16.062	17.063	15.943
22		PW	22.000	10	10S	0.250	21.500	18.679
	PW	22.000	STD	20 40S	0.375	21.250	21.688	21.381
	PW	22.000	XS	30 80S	0.500	21.000	21.469	21.087
	PW	22.000	60		0.875	20.250	21.250	20.793
	PW	22.000	80		1.125	19.750	20.594	19.912
	PW	22.000	100		1.375	19.250	20.156	19.324
	PW	22.000	120		1.626	18.749	19.719	18.737
	PW	22.000	140		1.875	18.250	19.280	18.148
	PW	22.000	160		2.125	17.750	18.844	17.562
22	PS	22.000	10	10S	0.250	21.500	18.679	17.144
	PS	22.000	STD	20 40S	0.375	21.250	21.688	21.356
	PS	22.000	XS	30 80S	0.500	21.000	21.469	21.049
	PS	22.000	60		0.875	20.250	21.250	20.743
	PS	22.000	80		1.125	19.750	20.594	19.956
	PS	22.000	100		1.375	19.250	20.156	19.381
	PS	22.000	120		1.626	18.749	19.719	18.806
	PS	22.000	140		1.875	18.250	19.280	18.229
	PS	22.000	160		2.125	17.750	18.844	17.656
24	PW	24.000	10	10S	0.250	23.500	20.406	18.974
	PW	24.000	STD	20 40S	0.375	23.250	23.688	23.381
	PW	24.000	XS	80S	0.500	23.000	23.469	23.087
	PW	24.000	30		0.562	22.876	23.250	22.793
	PW	24.000	40		0.688	22.624	23.142	22.647
	PW	24.000	60		0.969	22.062	22.921	22.351

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	PW	24.000	80		1.219	21.562	22.429
	PW	24.000	100		1.531	20.938	21.992
	PW	24.000	120		1.812	20.376	21.446
	PW	24.000	140		2.062	19.876	20.954
	PW	24.000	160		2.344	19.312	20.517
24	PS	24.000	10	10S	0.250	23.500	20.406
	PS	24.000	STD	20 40S	0.375	23.250	23.688
	PS	24.000	XS	80S	0.500	23.000	23.469
	PS	24.000	30		0.562	22.876	23.250
	PS	24.000	40		0.688	22.624	23.142
	PS	24.000	60		0.969	22.062	22.921
	PS	24.000	80		1.219	21.562	22.429
	PS	24.000	100		1.531	20.938	21.992
	PS	24.000	120		1.812	20.376	21.446
	PS	24.000	140		2.062	19.876	20.954
	PS	24.000	160		2.344	19.312	20.517
26	PW	26.000	10		0.312	25.376	22.023
	PW	26.000	STD	40S	0.375	25.250	25.579
	PW	26.000	XS	80S	0.500	25.000	25.469
26	PS	26.000	10		0.312	25.376	22.023
	PS	26.000	STD	40S	0.375	25.250	25.579
	PS	26.000	XS	80S	0.500	25.000	25.469
28	PW	28.000	10		0.312	27.376	27.282
	PW	28.000	STD	40S	0.375	27.250	27.611
	PW	28.000	XS	20 80S	0.500	27.000	27.501
	PW	28.000	30		0.625	26.750	27.282
28	PS	28.000	10		0.312	27.376	27.282
	PS	28.000	STD	40S	0.375	27.250	27.611
	PS	28.000	XS	20 80S	0.500	27.000	27.501
	PS	28.000	30		0.625	26.750	27.282
30	PW	30.000	10		0.312	29.376	29.063
	PW	30.000	STD	40S	0.375	29.250	29.611
	PW	30.000	20	80S	0.500	29.000	29.501
	PW	30.000	30		0.625	28.750	29.282
30	PS	30.000	10		0.312	29.376	29.063
	PS	30.000	STD	40S	0.375	29.250	29.611
	PS	30.000	20	80S	0.500	29.000	29.501
	PS	30.000	30		0.625	28.750	29.282
32	PW	32.000	10		0.312	31.376	31.063
	PW	32.000	20		0.375	31.250	31.611
	PW	32.000	STD		0.500	31.000	31.501
	PW	32.000	30		0.625	30.750	31.282
	PW	32.000	40		0.688	30.624	31.063
32	PS	32.000	10		0.312	31.376	31.063
	PS	32.000	20		0.375	31.250	31.611
	PS	32.000	STD		0.500	31.000	31.501
	PS	32.000	30		0.625	30.750	31.282
	PS	32.000	40		0.688	30.624	31.063
34	PW	34.000	10		0.312	33.376	32.953
	PW	34.000	STD		0.375	33.250	33.611
	PW	34.000	20		0.500	33.000	33.501
	PW	34.000	30		0.625	32.750	33.282
	PW	34.000	40		0.688	32.624	33.063

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34	PS	34.000	10		0.312	33.376	32.282
	PS	34.000	STD		0.375	33.250	33.204
	PS	34.000	20		0.500	33.000	33.049
	PS	34.000	30		0.625	32.750	32.743
	PS	34.000	40		0.688	32.624	32.437
36	PW	36.000	10		0.312	35.376	34.351
	PW	36.000	STD	40S	0.375	35.250	35.235
	PW	36.000	XS	80S	0.500	35.000	35.087
36	PS	36.000	10		0.312	35.376	34.282
	PS	36.000	STD	40S	0.375	35.250	35.204
	PS	36.000	XS	80S	0.500	35.000	35.049
42	PW	42.000	STD	40S	0.375	41.250	40.793
	PW	42.000	XS	80S	0.500	41.000	41.087
	PW	42.000	30		0.625	40.750	40.793
	PW	42.000	40		0.750	40.500	40.499
42	PS	42.000	STD	40S	0.375	41.250	40.743
	PS	42.000	XS	80S	0.500	41.000	41.049
	PS	42.000	30		0.625	40.750	40.743
	PS	42.000	40		0.750	40.500	40.437
48	PW	48.000	STD	40S	0.375	47.250	46.206
	PW	48.000	XS	80S	0.500	47.000	47.087
48	PS	48.000	STD	40S	0.375	47.250	46.131
	PS	48.000	XS	80S	0.500	47.000	47.049