

Satterlund

SUPPLY COMPANY

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DIMENSIONS FOR SEAMLESS AND WELDED CARBON & STAINLESS PIPE

Nominal Pipe Size	Outside Diameter	SCHEDULE 5S		SCHEDULE 10S		SCHEDULE 10		SCHEDULE 20		SCHEDULE 30		SCHEDULE 40S AND STANDARS WT. (B)		SCHEDULE 40 (B)		SCHEDULE 60	
		Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.
1/8	.405	....	....	.049	.307	....	....	....	....	....	....	.068	.269	.068	.269	....	....
1/4	.540	....	....	.065	.410	....	....	....	....	....	....	.088	.364	.088	.364	....	....
3/8	.675	....	....	.065	.545	....	....	....	....	....	....	.091	.493	.091	.493	....	....
1/2	.840	.065	.710	.083	.674	....	....	....	....	....	....	.109	.622	.109	.622	....	....
3/4	1.050	.065	.920	.083	.884	....	....	....	....	....	....	.113	.824	.113	.824	....	....
1	1.315	.065	1.185	.109	1.097	....	....	....	....	....	....	.133	1.049	.133	1.049	....	....
1 1/4	1.660	.065	1.530	.109	1.442	....	....	....	....	....	....	.140	1.380	.140	1.380	....	....
1 1/2	1.900	.065	1.770	.109	1.682	....	....	....	....	....	....	.145	1.610	.145	1.610	....	....
2	2.375	.065	2.245	.109	2.157	....	....	....	....	....	....	.154	2.067	.154	2.067	....	....
2 1/2	2.875	.083	2.709	.120	2.635	....	....	....	....	....	....	.203	2.469	.203	2.469	....	....
3	3.500	.083	3.334	.120	3.260	....	....	....	....	....	....	.216	3.068	.216	3.068	....	....
3 1/2	4.000	.083	3.834	.120	3.760	....	....	....	....	....	....	.226	3.548	.226	3.548	....	....
4	4.500	.083	4.334	.120	4.260	....	....	....	....	....	....	.237	4.026	.237	4.026	....	....
5	5.563	.109	5.345	.134	5.295	....	....	....	....	....	....	.258	5.047	.258	5.047	....	....
6	6.625	.109	6.407	.134	6.357	....	....	....	....	....	....	.280	6.065	.280	6.065	....	....
8	8.625	.109	8.407	.148	8.329	....	....	.250	8.125	.277	8.071	.322	7.981	.322	7.981	.406	7.813
10	10.750	.134	10.482	.165	10.420	....	....	.250	10.250	.307	10.136	.365	10.020	.365	10.020	.500	9.750
12	12.750	.156 (A)	12.438	.180	12.390	....	....	.250	12.250	.330	12.090	.375	12.000	.406	11.938	.562	11.626
14	14.000	.156 (A)	13.688	.188 (A)	13.624	.250	13.500	.312	13.376	.375	13.250	.375 (1)	13.250	.438	13.124	.593	12.814
16	16.000	.165 (A)	15.670	.188 (A)	15.624	.250	15.500	.312	15.376	.375	15.250	.375 (1)	15.250	.500	15.000	.656	14.688
18	18.000	.165 (A)	17.670	.188 (A)	17.624	.250	17.500	.312	17.376	.438	17.124	.375 (1)	17.250	.562	16.876	.750	16.500
20	20.000	.188 (A)	19.624	.218 (A)	19.564	.250	19.500	.375	19.250	.500	19.000	.375 (1)	19.250	.593	18.814	.812	18.376
24	24.000	.218 (A)	23.564	.250 (A)	23.500	.250	23.500	.375	23.250	.562	22.876	.375 (1)	23.250	.687	22.626	.968	22.064
Nominal Pipe Size	Outside Diameter	SCHEDULE 80S AND EXTRA STRONG (S)		SCHEDULE 80 (S)		SCHEDULE 100		SCHEDULE 120		SCHEDULE 140		SCHEDULE 160		DOUBLE X STRONG			
		Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.	Wall Thick.	Inside Diam.		
1/8	.405	.095	.215	.095	.215	....	....	....	....	....	....	....	....	....	....		
1/4	.540	.119	.302	.119	.302	....	....	....	....	....	....	....	....	....	....		
3/8	.675	.126	.423	.126	.423	....	....	....	....	....	....	....	....	....	....		
1/2	.840	.147	.546	.147	.546	....	....	....	....	....	....	.187	.466	.294	.252		
3/4	1.050	.154	.742	.154	.742	....	....	....	....	....	....	.218	.614	.308	.434		
1	1.315	.179	.957	.179	.957	....	....	....	....	....	....	.250	.815	.358	.599		
1 1/4	1.660	.191	1.278	.191	1.278	....	....	....	....	....	....	.250	1.160	.382	.896		
1 1/2	1.900	.200	1.500	.200	1.500	....	....	....	....	....	....	.281	1.338	.400	1.100		
2	2.375	.218	1.939	.218	1.939	....	....	....	....	....	....	.343	1.689	.436	1.503		
2 1/2	2.875	.276	2.323	.276	2.323	....	....	....	....	....	....	.375	2.125	.552	1.771		
3	3.500	.300	2.900	.300	2.900	....	....	....	....	....	....	.438	2.624	.600	2.300		
3 1/2	4.000	.318	3.364	.318	3.364	....	....	....	....	....	....	....	....	....	....		
4	4.500	.337	3.826	.337	3.826	....	....	.438	3.624	....	....	.531	3.438	.674	3.152		
5	5.563	.375	4.813	.375	4.813	....	....	.500	4.563	....	....	.625	4.313	.750	4.063		
6	6.625	.432	5.761	.432	5.761	....	....	.562	5.501	....	....	.718	5.189	.864	4.897		
8	8.625	.500	7.625	.500	7.625	.593	7.439	.718	7.189	.812	7.001	.906	6.813	.875	6.875		
10	10.750	.500	9.750	.593	9.564	.718	9.314	.843	9.064	1.000	8.750	1.125	8.500	....	....		
12	12.750	.500	11.750	.687	11.376	.843	11.064	1.000	10.750	1.125	10.500	1.312	10.126	....	....		
14	14.000	.500 (2)	13.000	.750	12.500	.937	12.126	1.093	11.814	1.250	11.500	1.406	11.188	....	....		
16	16.000	.500 (2)	15.000	.843	14.314	1.031	13.938	1.218	13.564	1.438	13.124	1.593	12.814	....	....		
18	18.000	.500 (2)	17.000	.937	16.126	1.156	15.688	1.375	15.250	1.562	14.876	1.781	14.438	....	....		
20	20.000	.500 (2)	19.000	1.031	17.938	1.281	17.438	1.500	17.000	1.750	16.500	1.968	16.064	....	....		
24	24.000	.500 (2)	23.000	1.218	21.564	1.531	20.938	1.812	20.376	2.062	19.876	2.343	19.314	....	....		



Thread Engagement (in inches)
Normal for Tight Joint

PIPE SIZE	1/8	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4	5	6
LENGTH	1/4	3/8	3/8	1/2	9/16	11/16	11/16	11/16	3/4	15/16	1	1 1/16	1 1/8	1 1/4	1 5/16