

OUTSIDE DIAMETER TUBES

B.W.G.	Wall																					
	Thickness	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	1-1/4"	1-1/2"	1-3/4"	2"	2-1/4"	2-1/2"	2-3/4"	3"	3-1/4"	3-1/2"	3-3/4"	4"	4-1/4"	4-1/2"
00	.380						0.115	0.240	0.490	0.740	0.990	1.240	1.490	1.740	1.990	2.240	2.490	2.740	2.990	3.240	3.490	3.740
0	.340					0.070	0.195	0.320	0.570	0.820	1.070	1.320	1.570	1.820	2.070	2.320	2.570	2.820	3.070	3.320	3.570	3.820
1	.300				0.025	0.150	0.275	0.400	0.650	0.900	1.150	1.400	1.650	1.900	2.150	2.400	2.650	2.900	3.150	3.400	3.650	3.900
2	.284				0.057	0.182	0.307	0.432	0.682	0.932	1.182	1.432	1.682	1.932	2.182	2.432	2.682	2.932	3.182	3.432	3.682	3.932
3	.259				0.107	0.232	0.357	0.482	0.732	0.982	1.232	1.482	1.732	1.982	2.232	2.482	2.732	2.982	3.232	3.482	3.732	3.982
4	.238			0.024	0.149	0.274	0.399	0.524	0.774	1.024	1.274	1.524	1.774	2.024	2.274	2.524	2.774	3.024	3.274	3.524	3.774	4.024
5	.220			0.060	0.185	0.310	0.435	0.560	0.810	1.060	1.310	1.560	1.810	2.050	2.310	2.560	2.810	3.060	3.310	3.560	3.810	4.060
6	.203			0.094	0.219	0.344	0.469	0.594	0.844	1.094	1.344	1.594	1.844	2.094	2.344	2.594	2.844	3.094	3.344	3.594	3.844	4.094
7	.180			0.140	0.265	0.390	0.515	0.640	0.890	1.140	1.390	1.640	1.890	2.140	2.390	2.640	2.890	3.140	3.390	3.640	3.890	4.140
8	.165		0.045	0.170	0.295	0.420	0.545	0.670	0.920	1.170	1.420	1.670	1.920	2.170	2.420	2.670	2.920	3.170	3.420	3.670	3.920	4.170
9	.148		0.079	0.204	0.329	0.454	0.579	0.704	0.954	1.204	1.454	1.704	1.954	2.204	2.454	2.704	2.954	3.204	3.454	3.704	3.954	4.204
10	.134		0.107	0.232	0.357	0.482	0.607	0.732	0.982	1.232	1.482	1.732	1.982	2.232	2.482	2.732	2.982	3.232	3.482	3.732	3.982	4.232
11	.120		0.135	0.260	0.385	0.510	0.635	0.760	1.010	1.260	1.510	1.760	2.010	2.260	2.510	2.760	3.010	3.260	3.510	3.760	4.010	4.260
12	.109	0.032	0.157	0.282	0.407	0.532	0.657	0.782	1.032	1.282	1.532	1.782	2.032	2.282	2.532	2.782	3.032	3.282	3.532	3.782	4.032	4.282
13	.095	0.060	0.185	0.310	0.435	0.560	0.685	0.810	1.060	1.310	1.560	1.810	2.060	2.310	2.560	2.810	3.060	3.310	3.560	3.810	4.060	4.310
14	.083	0.084	0.209	0.334	0.459	0.584	0.709	0.834	1.084	1.334	1.584	1.834	2.084	2.334	2.584	2.834	3.084	3.334	3.584	3.834	4.084	4.334
15	.072	0.106	0.231	0.356	0.481	0.606	0.731	0.856	1.106	1.356	1.606	1.856	2.106	2.356	2.606	2.856	3.106	3.356	3.606	3.856	4.106	4.356
16	.065	0.120	0.245	0.370	0.495	0.620	0.745	0.870	1.120	1.370	1.620	1.870	2.120	2.370	2.620	2.870	3.120	3.370	3.620	3.870	4.120	4.370
17	.058	0.134	0.259	0.384	0.509	0.634	0.759	0.884	1.134	1.384	1.634	1.884	2.134	2.384	2.634	2.884	3.134	3.384	3.634	3.884	4.134	4.384
18	.049	0.152	0.277	0.402	0.527	0.652	0.777	0.902	1.152	1.402	1.652	1.902	2.152	2.402	2.652	2.902	3.152	3.402	3.652	3.902	4.152	4.402
19	.042	0.166	0.291	0.416	0.541	0.666	0.791	0.916	1.166	1.416	1.666	1.916										
20	.035	0.180	0.305	0.430	0.555	0.680	0.805	0.930	1.180	1.430	1.680	1.930										
21	.032	0.186	0.311	0.436	0.561	0.686	0.811	0.936	1.186	1.436	1.686	1.936										
22	.028	0.194	0.319	0.444	0.569	0.694	0.819	0.944	1.194	1.444	1.694	1.944										
23	.025	0.200	0.325	0.450	0.575	0.700	0.825	0.950	1.200	1.450	1.700	1.950										
24	.022	0.206	0.331	0.456	0.581	0.706	0.831	0.956	1.206	1.456	1.706	1.956										

Note: Table does not allow for tube mill tolerance.

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PIPE CHART

Nominal Pipe Size (inches)	Schedule No.	Wall Thickness (inches)	Inside Diameter (inches)	Nominal Pipe Size (inches)	Schedule No.	Wall Thickness (inches)	Inside Diameter (inches)	Nominal Pipe Size (inches)	Schedule No.	Wall Thickness (inches)	Inside Diameter (inches)	Nominal Pipe Size (inches)	Schedule No.	Wall Thickness (inches)	Inside Diameter (inches)		
1/8	10S	0.049	0.307	2-1/2	5S	0.083	2.709	10	5S	0.134	10.482	18	5S	0.165	17.670		
(0.405)	40ST, 40S	0.068	0.269	(2.875)	10S	0.120	2.635	(10.750)	10S	0.165	10.420	(18.000)	10S	0.188	17.624		
	80XS, 80S	0.095	0.215		40ST, 40S	0.203	2.469		20	0.250	10.250		10	0.250	17.500		
1/4	10S	0.065	0.410		80XS, 80S	0.276	2.323		30	0.307	10.136		20	0.312	17.376		
(0.540)	40ST, 40S	0.088	0.364		160	0.375	2.125		40ST, 40S	0.365	10.020		ST	0.375	17.250		
	80XS, 80S	0.119	0.302		XX	0.552	1.771		60XS, 80S	0.500	9.750		30	0.438	17.124		
3/8	10S	0.065	0.545	3	5S	0.083	3.334		80	0.594	9.562		XS	0.500	17.000		
(0.675)	40ST, 40S	0.091	0.493	(3.500)	10S	0.120	3.260		100	0.719	9.312		40	0.562	16.876		
	80XS, 80S	0.126	0.423		40ST, 40S	0.216	3.068		120	0.844	9.062		60	0.750	16.500		
1/2	5S	0.065	0.710		80XS, 80S	0.300	2.900		140, XX	1.000	8.750		80	0.938	16.124		
(0.840)	10S	0.083	0.674		160	0.438	2.624		160	1.125	8.500		100	1.156	15.688		
	40ST, 40S	0.109	0.622		XX	0.600	2.300		12	5S	0.156	12.438		120	1.375	15.250	
	80XS, 80S	0.147	0.546		3-1/2	5S	0.083	3.834	(12.750)	10S	0.180	12.390		140	1.562	14.876	
	160	0.188	0.464	(4.000)	10S	0.120	3.760		20	0.250	12.250		160	1.781	14.438		
	XX	0.294	0.252		40ST, 40S	0.226	3.548		30	0.330	12.090		20	5S	0.188	19.624	
3/4	5S	0.065	0.920		80XS, 80S	0.318	3.364		ST, 40S	0.375	12.000		(20.000)	10S	0.218	19.564	
(1.050)	10S	0.083	0.884		XX	0.636	2.728		40	0.406	11.938		10	0.250	19.500		
	40ST, 40S	0.113	0.824	4	5S	0.083	4.334		XS, 80S	0.500	11.750		20, ST	0.375	19.250		
	80XS, 80S	0.154	0.742	(4.500)	10S	0.120	4.260		60	0.562	11.626		30, XS	0.500	19.000		
	160	0.219	0.612		40ST, 40S	0.237	4.026		80	0.688	11.374		40	0.594	18.812		
	XX	0.308	0.434		80XS, 80S	0.337	3.826		100	0.844	11.062		60	0.812	18.376		
1	5S	0.065	1.185		120	0.438	3.624		120, XX	1.000	10.750		80	1.031	17.938		
(1.315)	10S	0.109	1.097		160	0.531	3.438		140	1.125	10.500		100	1.281	17.438		
	40ST, 40S	0.133	1.049		XX	0.674	3.152		160	1.312	10.126		120	1.500	17.000		
	80XS, 80S	0.179	0.957		5	5S	0.109	5.345	14	5S	0.156	13.688		140	1.750	16.500	
	160	0.250	0.815	(5.563)	10S	0.134	5.295		(14.000)	10S	0.188	13.624		160	1.969	16.062	
	XX	0.358	0.599		40ST, 40S	0.258	5.047		10	0.250	13.500		24	5S	0.218	23.564	
1-1/4	5S	0.065	1.530		80XS, 80S	0.375	4.813		20	0.312	13.376		(24.000)	10, 10S	0.250	23.500	
(1.660)	10S	0.109	1.442		120	0.500	4.563		30, ST	0.375	13.250		20, ST	0.375	23.250		
	40ST, 40S	0.140	1.380		160	0.625	4.313		40	0.438	13.124		XS	0.500	23.000		
	80XS, 80S	0.191	1.278		XX	0.750	4.063		XS, 80S	0.500	13.000		30	0.562	22.876		
	160	0.250	1.160		6	5S	0.109	6.407		60	0.594	12.812		40	0.688	22.324	
	XX	0.382	0.896	(6.625)	10S	0.134	6.357		80	0.750	12.500		60	0.969	22.062		
1-1/2	5S	0.065	1.770		40ST, 40S	0.280	6.065		100	0.938	12.124		80	1.219	21.562		
(1.900)	10S	0.109	1.682		80XS, 80S	0.432	5.761		120	1.094	11.812		100	1.531	20.938		
	40ST, 40S	0.145	1.610		120	0.562	5.501		140	1.250	11.500		120	1.812	20.376		
	80XS, 80S	0.200	1.500		160	0.719	5.187		160	1.406	11.188		140	2.062	19.876		
	160	0.281	1.338		XX	0.864	4.897		16	5S	0.169	15.670		160	2.344	19.312	
	XX	0.400	1.100		8	5S	0.109	8.407	(16.000)	10S	0.188	15.624		30	5S	0.250	29.500
2	5S	0.065	2.245	(8.625)	10S	0.148	8.329		10	0.250	15.500		(30.000)	10, 10S	0.312	29.376	
(2.375)	10S	0.109	2.157		20	0.250	8.125		20	0.312	15.376		ST	0.375	29.250		
	40ST, 40S	0.154	2.067		30</												