

**1/8"**

NPS	O.D.	Sch #	Wall	I.D.	NPS	O.D.	Sch #	Wall	I.D.
1/8	0.405	5	0.035	0.335	1/4	0.54	5	0.049	0.442
1/8	0.405	10	0.049	0.307	1/4	0.54	10	0.065	0.41
1/8	0.405	40	0.068	0.269	1/4	0.54	40	0.088	0.364
1/8	0.405	80	0.095	0.215	1/4	0.54	80	0.119	0.302

**3/8"**

**1/2"**

NPS	O.D.	Sch #	Wall	I.D.	NPS	O.D.	Sch #	Wall	I.D.
3/8	0.675	5	0.049	0.577	1/2	0.84	5	0.065	0.71
3/8	0.675	10	0.065	0.545	1/2	0.84	10	0.083	0.674
3/8	0.675	40	0.091	0.493	1/2	0.84	40	0.109	0.622
3/8	0.675	80	0.126	0.423	1/2	0.84	80	0.147	0.546
					1/2	0.84	160	0.187	0.464
					1/2	0.84	XXHY	0.294	0.252

**3/4"**

**1"**

NPS	O.D.	Sch #	Wall	I.D.	NPS	O.D.	Sch #	Wall	I.D.
3/4	1.05	5	0.065	0.92	1	1.315	5	0.065	1.185
3/4	1.05	10	0.083	0.884	1	1.315		0.072	1.171
3/4	1.05	40	0.113	0.824	1	1.315		0.083	1.149
3/4	1.05	80	0.154	0.742	1	1.315		0.095	1.125
3/4	1.05	160	0.218	0.612	1	1.315	10	0.109	1.097
3/4	1.05	XXHY	0.308	0.434	1	1.315		0.125	<b>1.065</b>
					1	1.315	40	0.133	1.049
					1	1.315	80	0.179	0.957
					1	1.315	160	0.25	0.815
					1	1.315	XXHY	0.358	0.599

**1-1/4"**

**1-1/2"**

NPS	O.D.	Sch #	Wall	I.D.	NPS	O.D.	Sch #	Wall	I.D.
1 1/4	1.66	5	0.065	1.53	1 1/2	1.9	5	0.065	1.774
1 1/4	1.66		0.072	1.516	1 1/2	1.9		0.083	1.734
1 1/4	1.66		0.083	1.494	1 1/2	1.9		0.095	1.71
1 1/4	1.66		0.095	1.47	1 1/2	1.9	10	0.109	1.682
1 1/4	1.66	10	0.109	1.442	1 1/2	1.9		0.125	1.65
1 1/4	1.66		0.125	1.41	1 1/2	1.9	40	0.145	1.61
1 1/4	1.66	40	0.14	1.38	1 1/2	1.9	80	0.2	1.5
1 1/4	1.66	80	0.191	1.278	1 1/2	1.9	160	0.281	1.338
1 1/4	1.66	160	0.25	1.16	1 1/2	1.9	XXHY	0.4	1.1
1 1/4	1.66	XXHY	0.382	0.896					

**2"**

**2-1/2"**

NPS	O.D.	Sch #	Wall	I.D.	NPS	O.D.	Sch #	Wall	I.D.
2	2.375	5	0.065	2.245	2 1/2	2.875		0.078	2.719
2	2.375		0.078	2.219	2 1/2	2.875	5	0.083	2.709
2	2.375		0.083	2.209	2 1/2	2.875		0.094	2.687
2	2.375		0.095	2.185	2 1/2	2.875		0.109	2.657
2	2.375	10	0.109	2.157	2 1/2	2.875	10	0.12	2.635
2	2.375		0.125	2.125	2 1/2	2.875		0.125	2.625
2	2.375		0.134	2.107	2 1/2	2.875		0.141	2.593
2	2.375		0.141	2.093	2 1/2	2.875		0.154	2.567
2	2.375	40	0.154	2.067	2 1/2	2.875		0.156	2.563
2	2.375		0.172	2.031	2 1/2	2.875		0.172	2.531
2	2.375		0.188	1.999	2 1/2	2.875		0.188	2.499
2	2.375	80	0.218	1.939	2 1/2	2.875	40	0.203	2.469
2	2.375		0.281	1.813	2 1/2	2.875		0.216	2.443
2	2.375	160	0.343	1.687	2 1/2	2.875		0.25	2.375
2	2.375	XXHY	0.436	1.5	2 1/2	2.875	80	0.276	2.323
					2 1/2	2.875	160	0.375	2.125
					2 1/2	2.875	XXHY	0.552	1.771

**3"****3-1/2"**

NPS	O.D.	Sch #	Wall	I.D.	NPS	O.D.	Sch #	Wall	I.D.
3	3.5	5	0.078	3.344	3 1/2	4	5	0.083	3.834
3	3.5		0.083	3.334	3 1/2	4		0.094	3.812
3	3.5		0.095	3.31	3 1/2	4		0.109	3.782
3	3.5		0.109	3.282	3 1/2	4	10	0.12	3.76
3	3.5	10	0.12	3.26	3 1/2	4		0.125	3.75
3	3.5		0.125	3.25	3 1/2	4		0.141	3.718
3	3.5		0.141	3.218	3 1/2	4		0.156	3.688
3	3.5		0.156	3.188	3 1/2	4		0.172	3.656
3	3.5		0.172	3.156	3 1/2	4		0.188	3.624
3	3.5		0.188	3.124	3 1/2	4	40	0.226	3.548
3	3.5	40	0.216	3.068	3 1/2	4		0.25	3.5
3	3.5		0.25	3	3 1/2	4		0.281	3.438
3	3.5		0.281	2.938	3 1/2	4	80	0.318	3.364
3	3.5	80	0.3	2.9	3 1/2	4	XXHY	0.636	2.728
3	3.5	160	0.437	2.624					
3	3.5	XXHY	0.6	2.3					

**4"****5"**

NPS	O.D.	Sch #	Wall	I.D.	NPS	O.D.	Sch #	Wall	I.D.
4	4.5	5	0.083	4.334	5	5.563		0.083	5.397
4	4.5		0.094	4.312	5	5.563		0.094	5.375
4	4.5		0.109	4.282	5	5.563	5	0.109	5.345
4	4.5	10	0.12	4.26	5	5.563		0.125	5.313
4	4.5		0.125	4.25	5	5.563	10	0.134	5.295
4	4.5		0.141	4.218	5	5.563		0.141	5.281
4	4.5		0.156	4.188	5	5.563		0.156	5.251
4	4.5		0.172	4.156	5	5.563		0.188	5.187
4	4.5		0.188	4.124	5	5.563		0.219	5.125
4	4.5		0.203	4.094	5	5.563	40	0.258	5.047
4	4.5		0.219	4.062	5	5.563		0.281	5.001
4	4.5	40	0.237	4.026	5	5.563		0.312	4.939
4	4.5		0.25	4	5	5.563		0.344	4.875
4	4.5	60	0.281	3.938	5	5.563	80	0.375	4.813
4	4.5		0.312	3.876	5	5.563	120	0.5	4.563
4	4.5	80	0.337	3.826	5	5.563	160	0.625	4.313
4	4.5	120	0.438	3.624	5	5.563	XXHY	0.75	4.063
4	4.5	160	0.531	3.438					
4	4.5	XXHY	0.674	3.152					

**6"****8"**

NPS	O.D.	Sch #	Wall	I.D.	NPS	O.D.	Sch #	Wall	I.D.
6	6.625		0.075	6.475	8	8.625		0.09	8.445
6	6.625		0.083	6.459	8	8.625		0.105	8.415
6	6.625		0.094	6.437	8	8.625	5	0.109	8.407
6	6.625	5	0.109	6.407	8	8.625		0.12	8.385
6	6.625		0.12	6.385	8	8.625		0.125	8.375
6	6.625		0.125	6.375	8	8.625		0.135	8.355
6	6.625	10	0.134	6.357	8	8.625		0.141	8.343
6	6.625		0.141	6.343	8	8.625	10	0.148	8.329
6	6.625		0.156	6.313	8	8.625		0.156	8.313
6	6.625		0.164	6.297	8	8.625		0.164	8.297
6	6.625		0.172	6.281	8	8.625		0.172	8.281
6	6.625		0.188	6.249	8	8.625		0.188	8.25
6	6.625		0.203	6.219	8	8.625		0.203	8.219
6	6.625		0.219	6.187	8	8.625		0.219	8.187
6	6.625		0.237	6.151	8	8.625		0.237	8.151
6	6.625		0.25	6.125	8	8.625	20	0.25	8.125
6	6.625	40	0.28	6.065	8	8.625	30	0.277	8.071
6	6.625		0.312	6.001	8	8.625		0.312	8.001
6	6.625		0.344	5.937	8	8.625	40	0.322	7.981
6	6.625		0.375	5.875	8	8.625		0.344	7.937
6	6.625	80	0.432	5.761	8	8.625		0.375	7.875
6	6.625		0.5	5.625	8	8.625	60	0.406	7.813
6	6.625	120	0.562	5.501	8	8.625		0.438	7.749
6	6.625		0.625	5.375	8	8.625	80	0.5	7.625
6	6.625	160	0.719	5.187	8	8.625		0.562	7.501
6	6.625	XXHY	0.864	4.897	8	8.625	100	0.593	7.437
6	6.625		1	4.625	8	8.625		0.625	7.375
6	6.625		1.125	4.375	8	8.625	120	0.719	7.187
					8	8.625	140	0.812	7.001
					8	8.625	XXHY	0.875	6.875
					8	8.625	160	0.906	6.813

**10"****12"**

NPS	O.D.	Sch #	Wall	I.D.	NPS	O.D.	Sch #	Wall	I.D.
10	10.75		0.109	10.532	12	12.75		0.141	12.469
10	10.75		0.125	10.5	12	12.75		0.156	12.438
10	10.75	5	0.134	10.48	12	12.75		0.172	12.406
10	10.75		0.141	10.468	12	12.75		0.188	12.374
10	10.75		0.156	10.438	12	12.75		0.203	12.344
10	10.75	10	0.165	10.42	12	12.75		0.219	12.312
10	10.75		0.172	10.406	12	12.75		0.237	12.276
10	10.75		0.188	10.374	12	12.75	20	0.25	12.25
10	10.75		0.203	10.344	12	12.75		0.281	12.188
10	10.75		0.219	10.312	12	12.75		0.312	12.126
10	10.75		0.237	10.276	12	12.75	30	0.33	12.09
10	10.75	20	0.25	10.25	12	12.75		0.344	12.062
10	10.75		0.279	10.192	12	12.75	STD	0.375	12
10	10.75	30	0.307	10.136	12	12.75	40	0.406	11.938
10	10.75		0.344	10.062	12	12.75		0.438	11.874
10	10.75	40	0.365	10.02	12	12.75	XHY	0.5	11.75
10	10.75		0.375	10	12	12.75	60	0.562	11.626
10	10.75		0.438	9.874	12	12.75		0.625	11.5
10	10.75	60	0.5	9.75	12	12.75	80	0.688	11.374
10	10.75		0.562	9.626	12	12.75		0.75	11.25
10	10.75	80	0.593	9.562	12	12.75	100	0.844	11.062
10	10.75		0.625	9.5	12	12.75	120 / XXHY	1	10.75
10	10.75	100	0.719	9.312	12	12.75	140	1.125	10.5
10	10.75		0.812	9.126	12	12.75	160	1.312	10.126
10	10.75	120	0.844	9.062					
10	10.75	140 / XXHY	1	8.75					
10	10.75	160	1.125	8.5					

14"

16"

NPS	O.D.	Sch #	Wall	I.D.	NPS	O.D.	Sch #	Wall	I.D.
14	14		0.188	13.624	16	16		0.188	15.624
14	14		0.203	13.594	16	16		0.203	15.594
14	14		0.21	13.58	16	16		0.219	15.562
14	14		0.219	13.562	16	16		0.237	15.526
14	14		0.237	13.526	16	16	10	0.25	15.5
14	14	10	0.25	13.5	16	16		0.281	15.438
14	14		0.281	13.438	16	16	20	0.312	15.376
14	14	20	0.312	13.376	16	16		0.344	15.312
14	14		0.344	13.312	16	16	30	0.375	15.25
14	14	30	0.375	13.25	16	16		0.406	15.188
14	14		0.406	13.188	16	16		0.438	15.124
14	14	40	0.438	13.124	16	16		0.469	15.062
14	14		0.459	13.082	16	16	40 / XHY	0.5	15
14	14	XHY	0.5	13	16	16		0.562	14.876
14	14		0.562	12.876	16	16		0.625	14.75
14	14	60	0.594	12.812	16	16	60	0.656	14.688
14	14		0.625	12.75	16	16		0.688	14.624
14	14		0.688	12.624	16	16		0.75	14.5
14	14	80	0.75	12.5	16	16	80	0.844	14.376
14	14		0.812	12.376	16	16	100	1.031	13.938
14	14	100	0.938	12.124	16	16	120	1.219	13.562
14	14	120	1.094	11.812	16	16	140	1.438	13.124
14	14	140	1.25	11.5	16	16	160	1.594	12.812
14	14	160	1.406	11.188					