



# ASME STEEL PIPE DIMENSIONS

NOM	AVERAGE WALL THICKNESS   POUNDS PER FOOT														
	OD	5	10	20	30	40	STD	60	80	XH	100	120	140	160	XXH
1/8"	.405"	.035 .1384	.049 .1865			.068 .245	.068 .245		.095 .3148	.095 .3148					
1/4"	.540"	.049 .2572	.065 .3301			.088 .4252	.088 .4252		.119 .5356	.119 .5356					
3/8"	.675"	.049 .3279	.065 .4239			.091 .5681	.091 .5681		.126 .7395	.126 .7395					
1/2"	.840"	.065 .5385	.083 .6717			.109 .8518	.109 .8518		.147 1.089	.147 1.089				.188 1.31	.294 1.716
3/4"	1.05"	.065 .6844	.083 .858			.113 1.132	.113 1.132		.154 1.475	.154 1.475				.219 1.945	.308 2.443
1"	1.315"	.065 .8686	.109 1.405			.133 1.681	.133 1.681		.179 2.174	.179 2.174				.25 2.846	.358 3.662
1 1/4"	1.66"	.065 1.108	.109 1.807			.14 2.275	.14 2.275		.191 2.999	.191 2.999				.25 3.768	.382 5.219
1 1/2"	1.9"	.065 1.275	.109 2.087			.145 2.72	.145 2.72		.2 3.635	.2 3.635				.281 4.863	.4 6.414
2"	2.375"	.065 1.605	.109 2.64			.154 3.656	.154 3.656		.218 5.027	.218 5.027				.344 7.469	.436 9.037
2 1/2"	2.875"	.083 2.477	.12 3.534			.203 5.798	.203 5.798		.276 7.668	.276 7.668				.375 10.02	.552 13.71
3"	3.5"	.083 3.032	.12 4.336			.216 7.583	.216 7.583		.3 10.26	.3 10.26				.438 14.34	.6 18.6
3 1/2"	4"	.088 3.475	.12 4.977			.226 9.118	.226 9.118		.318 12.52	.318 12.52					.636 22.87
4"	4.5"	.083 3.919	.12 5.619			.237 10.8	.237 10.8	.281 12.67	.337 15	.337 15		.438 19.02		.531 22.53	.674 27.57
4 1/2"	5"						.247 12.55			.355 17.63					.71 32.56





# ASME STEEL PIPE DIMENSIONS

NOM	AVERAGE WALL THICKNESS   POUNDS PER FOOT														
	OD	5	10	20	30	40	STD	60	80	XH	100	120	140	160	XXH
5"	5.563"	.109 6.355	.134 7.777			.258 14.63	.258 14.63		.375 20.8	.375 20.8		.5 27.06		.625 32.99	.75 38.59
6"	6.625"	.109 7.593	.134 9.298			.28 18.99	.28 18.99		.432 28.6	.432 28.6		.562 36.43		.719 45.39	.864 53.21
7"	7.625"						.301 23.57			.5 38.08					.875 63.14
8"	8.625"	.109 9.923	.148 13.41	.25 22.38	.277 24.72	.322 28.58	.322 28.58	.406 35.67	.5 43.43	.5 43.43	.594 51	.719 60.77	.812 67.82	.906 74.76	.875 72.49
9"	9.625"						.342 33.94			.5 48.77					
10"	10.75"	.134 15.21	.165 18.67	.25 28.06	.307 34.27	.365 40.52	.365 40.52	.5 54.79	.594 64.49	.5 54.79	.719 77.1	.844 89.38	1 104.2	1.125 115.8	
11"	11.75"						.375 45.6			.5 60.13					
12"	12.75"	.165 22.2	.18 24.19	.25 33.41	.33 43.81	.406 53.57	.375 49.61	.562 73.22	.688 88.71	.5 65.48	.844 107.4	1 125.6	1.125 139.8	1.312 160.4	
14"	14"		.25 36.75	.312 45.65	.375 54.62	.438 63.5	.375 54.62	.594 85.13	.75 106.23	.5 72.16	.938 131	1.094 150.9	1.25 170.4	1.406 189.3	
16"	16"		.25 42.09	.312 52.32	.375 62.64	.5 82.85	.375 62.64	.656 107.6	.844 136.7	.5 82.85	1.031 165	1.219 192.6	1.438 223.9	1.594 245.5	
18"	18"		.25 47.44	.312 58.99	.438 82.23	.562 104.8	.375 70.65	.75 138.3	.938 171.1	.5 93.54	1.156 208.2	1.375 244.4	1.562 274.5	1.781 308.8	
20"	20"		.25 52.78	.375 78.67	.5 104.2	.594 123.2	.375 78.67	.812 166.6	1.031 209.1	.5 104.3	1.281 256.3	1.5 296.6	1.75 341.4	1.968 379.4	
22"	22"		.25 58.13	.375 86.69	.5 114.9		.375 86.69	.875 197.6	1.125 251	.5 114.9	1.375 303.2	1.625 353.9	1.875 403.4	2.125 451.5	
24"	24"		.25 63.47	.375 94.71	.562 140.8	.688 171.5	.375 94.71	.969 238.6	1.219 296.9	.5 125.6	1.531 367.5	1.812 429.8	2.062 483.6	2.344 542.6	