



# PIPE DIMENSIONS



## DIMENSIONS OF STANDARD PIPE

Nominal Size	Diameter		Nominal Wall Thickness	Nominal Weight per Foot	Transverse Area		Surface Area		Length of Pipe Containing 1 Cubic Foot	Number of Threads
	External	Internal			External	Internal	External Sq. Ft. Per	Internal Sq. Ft. Per		
Inches	Inches	Inches	Inches	Pounds	Sq. Inches	Sq. Inches	Ft. of Pipe	Ft. of Pipe	Feet	Per Inches
1/8	0.405	0.269	0.068	0.245	0.129	0.057	0.106	0.070	2533.775	27
1/4	0.540	0.364	0.088	0.425	0.229	0.104	0.141	0.095	1383.789	18
3/8	0.675	0.493	0.091	0.568	0.358	0.191	0.178	0.129	754.360	18
1/2	0.840	0.622	0.109	0.852	0.554	0.304	0.220	0.163	473.906	14
3/4	1.050	0.824	0.113	1.134	0.866	0.866	0.533	0.275	270.034	14
1	1.315	1.049	0.133	1.684	1.358	1.358	0.864	0.344	166.618	11 1/2
1 1/4	1.660	1.380	0.140	2.281	2.281	2.164	1.495	0.435	96.275	11 1/2
1 1/2	1.900	1.610	0.145	2.731	2.731	2.835	2.036	0.497	70.733	11 1/2
2	2.375	2.067	0.154	3.678	4.430	3.355	0.622	0.541	42.913	11 1/2
2 1/2	2.875	2.469	0.203	5.819	6.492	4.788	0.753	0.646	30.077	8
3	3.500	3.068	0.216	7.616	9.621	7.393	0.916	0.803	19.479	8
3 1/2	4.000	3.548	0.226	9.202	12.566	9.886	1.047	0.929	14.565	8
4	4.500	4.026	0.237	10.889	15.904	12.73	1.178	1.054	11.312	8
5	5.563	5.047	0.258	14.810	24.306	20.006	1.456	1.321	7.198	8
6	6.625	6.065	0.280	19.185	34.472	28.891	1.734	1.588	7.198	8
8	8.625	7.981	0.322	28.809	58.426	50.027	2.258	2.089	2.878	8
10	10.750	10.020	0.365	41.132	90.763	78.855	2.814	2.620	1.826	8
12	12.750	12.000	0.375	50.706	127.676	113.097	3.338	3.140	1.273	8
14	14.000	13.250	0.375	60.375	153.938	137.887	3.665	3.470	1.044	8
16	16.000	15.250	0.375	62.600	201.062	182.655	4.189	3.990	0.788	8
18	18.000	17.250	0.375	70.600	254.469	233.706	4.712	4.520	0.616	8
20	20.000	19.250	0.375	79.000	314.159	290.040	5.236	5.040	0.495	8



# PIPE DIMENSIONS CONTINUED



## DIMENSIONS OF EXTRA STRONG PIPE

Nominal Size	Diameter		Nominal Wall Thickness	Nominal Weight per Foot Threaded and Coupled	Transverse Area		Surface Area		Length of Pipe Containing 1 Cubic Foot
	External	Internal			External	Internal	External Sq. Ft. Per	Internal Sq. Ft. Per	
Inches	Inches	Inches	Inches	Pounds	Sq. Inches	Sq. Inches	Ft. of Pipe	Ft. of Pipe	Feet
1/8	0.405	0.215	0.095	0.314	0.129	0.036	0.106	0.056	3966.393
1/4	0.540	0.302	0.119	0.535	0.229	0.072	0.141	0.079	2010.290
3/4	0.675	0.423	0.126	0.738	0.358	0.141	0.178	0.111	1024.689
1/2	0.840	0.546	0.147	1.087	0.554	0.234	0.220	0.143	615.017
3/4	1.050	0.742	0.154	1.473	0.866	0.433	0.275	0.194	333.016
1	1.315	0.957	0.179	2.171	1.358	0.719	0.344	0.250	200.193
1 1/4	1.660	1.278	0.191	2.996	2.164	1.283	0.435	0.334	112.256
1 1/2	1.900	1.500	0.200	3.631	2.835	1.767	0.497	0.393	81.487
2	2.375	1.939	0.218	5.022	4.43	2.953	0.622	0.508	48.766
2 1/2	2.875	2.323	0.276	7.661	6.492	4.238	0.753	0.608	33.976
3	3.500	2.900	0.300	10.252	9.621	6.605	0.916	0.759	21.801
3 1/2	4.000	3.364	0.318	12.505	12.566	8.888	1.047	0.881	16.202
4	4.500	3.826	0.337	14.983	15.904	11.497	1.178	1.002	12.525
5	5.563	4.813	0.375	20.778	24.306	18.194	1.456	1.260	7.915
6	6.625	5.761	0.432	28.573	34.472	26.067	1.734	1.508	5.524
8	8.625	7.625	0.500	43.388	58.426	45.663	2.258	1.996	3.154
10	10.75	9.750	0.500	54.735	90.763	74.662	2.814	2.550	1.929
12	12.75	11.750	0.500	65.415	127.676	108.434	3.338	3.080	1.328

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