

STANDARD PIPE WALL THICKNESS AND DIMENSION

Pipe Size (in)	Diameter (in)		Nominal Thickness (in)	Transverse Areas (in ²)			Length of Pipe (per sq. foot of)		Volume (ft ³ /ft)	Weight		Number of Threads per inch of Screw
	External	Internal		External	Internal	Steel	External Surface (ft)	Internal Surface(ft)		lb/ft	kg/m	
1/8	0.41	0.27	0.07	0.13	0.06	0.07	9.43	14.20	0.0004	0.24	0.36	27
¼	0.54	0.36	0.09	0.23	0.10	0.13	7.07	10.49	0.0007	0.42	0.63	18
3/8	0.68	0.49	0.09	0.36	0.19	0.17	5.66	7.75	0.0013	0.57	0.84	18
½	0.84	0.62	0.11	0.55	0.30	0.25	4.55	6.14	0.0021	0.85	1.26	14
¾	1.05	0.82	0.11	0.87	0.53	0.33	3.64	4.64	0.0037	1.13	1.68	14
1	1.32	1.05	0.13	1.36	0.86	0.49	2.90	3.64	0.0060	1.68	2.50	11 ½
1 ¼	1.66	1.38	0.14	2.16	1.50	0.67	2.30	2.77	0.0104	2.27	3.38	11 ½
1 ½	1.90	1.61	0.15	2.84	2.04	0.80	2.01	2.37	0.0141	2.72	4.04	11 ½
2	2.38	2.07	0.15	4.43	3.36	1.08	1.61	1.85	0.0233	3.65	5.43	11 ½
2 ½	2.88	2.47	0.20	6.49	4.79	1.70	1.33	1.55	0.0333	5.79	8.62	11 ½
3	3.50	3.07	0.22	9.62	7.39	2.23	1.09	1.25	0.0513	7.58	11.27	8

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3 ½	4.00	3.55	0.23	12.56	9.89	2.68	0.95	1.08	0.0687	9.11	13.56	8
4	4.50	4.03	0.24	15.90	12.73	3.17	0.85	0.95	0.0884	10.79	16.06	8
5	5.56	5.05	0.26	24.30	20.00	4.30	0.69	0.76	0.1389	14.61	21.74	8
6	6.63	6.07	0.28	34.47	28.89	5.58	0.58	0.63	0.2006	18.97	28.23	8
8	8.63	7.98	0.32	58.42	50.02	8.40	0.44	0.48	0.3552	28.55	42.49	8
10	10.75	10.02	0.37	90.76	78.85	11.90	0.36	0.38	0.5476	40.48	60.24	8
12	12.75	11.94	0.41	127.64	111.90	15.74	0.30	0.32	0.7763	53.60	79.77	8
14	14.00	13.13	0.44	153.94	135.30	18.64	0.27	0.28	0.9354	63.00	93.75	8
16	16.00	15.00	0.50	201.05	176.70	24.35	0.24	0.25	1.2230	78.00	116.08	8
18	18.00	16.88	0.56	254.85	224.00	30.85	0.21	0.23	1.5550	105.00	156.26	8
20	20.00	18.81	0.59	314.15	278.00	36.15	0.19	0.20	1.9260	123.00	183.05	8
24	24.00	22.63	0.69	452.40	402.10	50.30	0.16	0.17	2.7930	171.00	254.48	8