

DIMENSIONS AND WEIGHTS WELDED AND SEAMLESS STAINLESS STEEL PIPE
ANSI B 36 19 FOR CARBON STEEL
SEE NOTE #2 BELOW FOR STAINLESS WEIGHT CORRECTION

NPS	OUTSIDE DIAME	5s	5	10s	10	20	30	40s STD.	40	60	80S & E.H80S & XH	100	120	140	160	
1/3	0.405		0.035	0.049	0.049			0.068	0.068		0.095	0.095				
			0.1383	0.1863	0.1863			0.2447	0.2447		0.3145	0.3145				
1/4	0.54		0.049	0.065	0.065			0.088	0.088		0.119	0.119				
			0.257	0.3297	0.3297			0.4248	0.4248		0.5351	0.5351				
3/8	0.675		0.049	0.065	0.065			0.091	0.091		0.126	0.126				
			0.3276	0.4235	0.4235			0.5676	0.5676		0.7388	0.7388				
1/2	0.84	0.065	0.065	0.083	0.083			0.109	0.109		0.147	0.147			0.188	
		0.5383	0.5383	0.671	0.671			0.851	0.851		1.088	1.088			1.304	
3/4	1.05	0.065	0.065	0.083	0.083			0.113	0.113		0.154	0.154			0.219	
		0.6838	0.6838	0.8572	0.8572			1.131	1.131		1.474	1.474			1.937	
1	1.315	0.065	0.065	0.109	0.109			0.133	0.133		0.179	0.179			0.25	
		0.8678	0.8678	1.404	1.404			1.679	1.679		2.172	2.172			2.844	
1 1/4	1.66	0.065	0.065	0.109	0.109			0.14	0.14		0.191	0.191			0.25	
		1.107	1.107	1.806	1.806			2.273	2.273		2.997	2.997			3.765	
1 1/2	1.9	0.065	0.065	0.109	0.109			0.145	0.145		0.2	0.2			0.281	
		1.274	1.274	2.085	2.085			2.718	2.718		3.631	3.631			4.859	
2	2.375	0.065	0.065	0.109	0.109			0.154	0.154		0.218	0.218			0.344	
		1.604	1.604	2.638	2.638			3.653	3.653		5.022	5.022			7.444	
2 1/2	2.875	0.083	0.083	0.12	0.12			0.203	0.203		0.276	0.276			0.375	
		2.475	2.475	3.531	3.531			5.793	5.793		7.661	7.661			10.01	
3	3.5	0.083	0.083	0.12	0.12			0.216	0.216		0.3	0.3			0.438	
		3.029	3.029	4.332	4.332			7.576	7.576		10.25	10.25			14.32	
3 1/2	4	0.083	0.083	0.12	0.12			0.226	0.226		0.318	0.318				
		3.472	3.472	4.973	4.973			9.109	9.109		12.51	12.51				
4	4.5	0.083	0.083	0.12	0.12			0.237	0.237	0.281	0.337	0.337	0.438		0.531	
		3.915	3.915	5.613	5.613			10.79	10.79	12.66	14.98	14.98	19.01		22.51	
4 1/2	5							0.247			0.355					
								12.53			17.61					
5	5.563	0.109	0.109	0.134	0.134			0.258	0.258		0.375	0.375	0.5		0.625	
		6.349	6.349	7.77	7.77			14.62	14.62		20.78	20.78	27.04		32.96	
6	6.625	0.109	0.109	0.134	0.134			0.28	0.28		0.432	0.432	0.562		0.719	
		7.585	7.585	9.29	9.289			18.97	18.97		28.75	28.57	36.39		45.3	
7	7.625							0.301			0.5					
								23.57			38.05					
8	8.625	0.109	0.109	0.148	0.148	0.25	0.277	0.322	0.322	0.406	0.5	0.5	0.594	0.719	0.812	0.906
		9.914	9.914	13.4	13.4	22.36	24.7	28.55	28.55	35.64	43.39	43.39	50.87	60.93	67.76	74.69
9	9.625							0.342			0.5					
								33.9			48.72					
10	10.75	0.134	0.134	0.165	0.165	0.25	0.307	0.365	0.365	0.5	0.5	0.594	0.719	0.844	1	1.125
		15.19	15.19	18.65	18.7	28.04	34.24	40.48	40.48	54.74	54.74	64.33	76.93	89.2	104.1	115.7
11	11.75							0.375			0.5					
								45.55			60.07					
12	12.75	0.156	0.165	0.18	0.18	0.25	0.33	0.375	0.406	0.562	0.5	0.688	0.844	1	1.125	1.312
		21.07	22.18	24.16	24.2	33.38	43.77	49.56	53.53	73.16	65.42	88.51	107.2	125.5	139.7	160.3
14	14	0.156		0.188	0.25	0.312	0.375	0.375	0.438	0.594	0.5	0.75	0.938	1.094	1.25	1.406
		23.07		27.73	36.71	45.68	54.57	54.57	63.37	84.91	72.09	106.1	130.7	150.7	170.2	189.1
16	16	0.165		0.188	0.25	0.312	0.375	0.375	0.5	0.656	0.5	0.844	1.031	1.219	1.438	1.594
		27.9		31.75	42.05	52.36	62.58	62.58	82.77	107.5	82.77	136.5	164.8	192.3	223.5	245.1
18	18	0.165		0.188	0.25	0.312	0.438	0.375	0.562	0.75	0.5	0.938	1.156	1.375	1.562	1.781
		31.43		35.76	47.39	59.03	82.06	70.59	104.8	138.2	93.45	170.8	208	244.1	274.2	308.5
20	20	0.188		0.218	0.25	0.375	0.5	0.375	0.594	0.812	0.5	1.031	1.281	1.5	1.75	1.969
		39.78		46.05	52.73	78.6	104.1	78.6	122.9	166.4	104.1	208.9	256.1	296.4	341.1	379
24	24	0.218		0.25	0.25	0.375	0.562	0.375	0.688	0.969	0.5	1.219	1.531	1.812	2.062	2.343
		55.37		63.41	63.41	94.62	140.8	94.62	171.2	238.1	125.5	296.4	367.4	429.4	483.1	541.9

UPPER FIGURES:WALL THICKNESS IN INCHES

LOWER FIGURES: WEIGHT PER FOOT IN POUNDS

NOTE 2: The weights above are for carbon steel pipe and have been calculated using the formula: $W=10.68 (D-t)t$. The weights given in the American National Standards and the calculated weights given by $W=10.68(Dt)t$ are based on the weights for carbon steel pipe. To calculate the weight of a ferritic steel change the coefficient 10.68 by 10.46 in the formula above, and for Austenitic steel, change the coefficient 10.68 by 10.83