

# ERW Carbon Steel Pipe

## Electric Resistance Welded Carbon Steel Pipe Plain End ASTM (SCH 40)

Nominal Size (NPS)	Outside Diameter						Wall Thickness		Nominal Weight		Test Pressure			
	Standard		Maximum		Minimum				Plain Ends		Grade A		Grade B	
<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>Kg/m</i>	<i>Lb/ft</i>	<i>kpa</i>	<i>psi</i>	<i>kpa</i>	<i>psi</i>
1/2	21.3	0.840	21.7	0.855	20.9	0.825	2.77	0.109	1.27	0.85	4830	700	4830	700
3/4	26.7	1.050	27.1	1.065	26.3	1.035	2.87	0.113	1.69	1.13	4830	700	4830	700
1	33.4	1.315	33.8	1.330	33.0	1.300	3.38	0.133	2.50	1.68	4830	700	4830	700
1 1/4	42.2	1.660	42.6	1.675	41.8	1.645	3.56	0.140	3.39	2.27	8270	1200	8960	1300
1 1/2	48.3	1.900	48.7	1.915	47.9	1.885	3.68	0.145	4.05	2.72	8270	1200	8960	1300
2	60.3	2.375	60.9	2.398	59.7	2.352	3.91	0.154	5.44	3.65	15860	2300	17240	2500
2 1/2	73.0	2.875	73.7	2.903	72.3	2.847	5.16	0.203	8.63	5.79	17240	2500	17240	2500
3	88.9	3.500	89.7	3.535	88.1	3.465	5.49	0.216	11.29	7.58	15310	2220	17240	2500
3 1/2	101.6	4.000	102.6	4.040	100.6	3.960	5.74	0.226	13.57	9.11	14000	2030	16340	2370
4	114.3	4.500	115.4	4.545	113.2	4.455	6.02	0.237	16.07	10.79	13100	1900	15240	2210
5	141.3	5.563	159.0	6.258	123.6	4.868	6.55	0.258	21.77	14.62	11510	1670	13440	1950
6	168.3	6.625	189.3	7.453	147.3	5.797	7.11	0.280	28.26	18.97	10480	1520	12270	1780
8	219.1	8.625	246.5	9.703	191.7	7.547	8.18	0.322	42.55	28.55	9240	1340	10820	1570

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Nominal size mm	Outside Diameter		Thickness	Weight (KG / Mtr.)			
				Class 1,2,&3		Class 4	
	Min	Max		Min	Max	Min	Max
16	15.7	16.0	1.0+0.10	0.324	0.405	0.355	0.470
			1.4+0.10	0.452	0.531	0.483	0.594
20	19.7	20.0	1.0+0.10	0.416	0.515	0.457	0.597
			1.6+0.15	0.643	0.783	0.682	0.862
25	24.6	25.0	1.2+0.15	0.598	0.784	0.649	0.887
			1.6+0.15	0.811	0.995	0.860	1.095
32	31.6	32.0	1.2+0.15	0.796	1.006	0.861	1.139
			1.6+0.15	1.069	1.301	1.133	1.432

