



# ASTM A 53 (Grades A & B)

Pipes, Steel, Black and Hot Dipped Zinc Coated Welded ** ASTM A 53-96														
Nominal Size	Outside Diameter		Wall Thickness		Nominal Weight				Weight Class	SCH. No.	Test Pressure PSI			
					Plain Ends		Thread & Coupling				Plain Ends		Thread & Coupling	
NB	in.	mm	in.	mm	lb/ft	kg/m	lb/ft	kg/m			Grade A	Grade B	Grade A	Grade B
15	0.84	21.3	0.109	2.77	0.85	1.27	0.86	1.27	STD	40	700	700	700	700
			0.147	3.73	1.09	1.62	1.09	1.62	XS	80	850	850	850	850
20	1.05	26.7	0.113	2.87	1.13	1.69	1.14	1.69	STD	40	700	700	700	700
			0.154	3.91	1.48	2.2	1.48	2.21	XS	80	850	850	850	850
25	1.315	33.4	0.133	3.38	1.68	2.5	1.69	2.5	STD	40	700	700	700	700
			0.179	4.55	2.17	3.24	2.19	3.25	XS	80	850	850	850	850
32	1.66	42.2	0.14	3.56	2.27	3.39	2.28	3.4	STD	40	1200	1300	1000	1100
			0.191	4.85	3	4.47	3.03	4.49	XS	80	1800	1900	1500	1600
40	1.9	48.3	0.145	3.68	2.72	4.05	2.74	4.04	STD	40	1200	1300	1000	1100
			0.2	5.08	3.63	5.41	3.65	5.39	XS	80	1800	1900	1500	1600
50	2.375	60.3	0.154	3.91	3.66	5.44	3.68	5.46	STD	40	2300	2500	2300	2500
			0.218	5.54	5.03	7.48	5.08	7.55	XS	80	2500	2500	2500	2500
65	2.875	73	0.203	5.16	5.8	8.63	5.85	8.67	STD	40	2500	2500	2500	2500
			0.276	7.01	7.67	11.41	7.75	11.52	XS	80	2500	2500	2500	2500
80	3.5	88.9	0.216	5.49	7.58	11.29	7.68	11.35	STD	40	2220	2500	2200	2500
			0.30	7.62	10.26	15.27	10.35	15.39	XS	80	2500	2500	2500	2500
90	4	101.6	0.226	5.74	9.12	13.57	9.27	13.71	STD	40	2030	2370	2000	2400
			0.318	8.08	12.52	18.63	12.67	18.82	XS	80	2800	2800	2800	2800
100	4.5	114.3	0.237	6.02	10.8	16.07	10.92	16.23	STD	40	1900	2210	1900	2200
			0.337	8.56	15	22.32	15.20	22.6	XS	80	2700	2800	2700	2800
125	5.563	141.3	0.258	6.55	14.63	21.77	14.90	22.07	STD	40	1670	1950	1700	1900
			0.375	9.52	20.8	30.94	21.04	31.42	XS	80	2430	2800	2400	2800
150	6.625	168.3	0.280	7.11	18.99	28.26	19.34	28.58	STD	40	1520	1780	1500	1800
			0.432	10.97	28.60	42.56	28.88	43.05	XS	80	2350	2740	2300	2700
200	8.625	219.1	0.322	8.18	28.55	42.55	-	-	STD	40	1340	1570	-	-
250	10.75	273.0	0.365	9.27	40.52	60.29	-	-	STD	40	1220	1430	-	-
300	12.75	323.8	0.406	10.31	53.57	79.70	-	-	-	40	1150	1340	-	-
			0.375	9.52	49.61	73.78	-	-	STD	-	1060	1240	-	-

Tolerance as per ASTM A 53- 96	
Diameter	$\leq 1.5" \pm 0.4 \text{ mm}$ $\geq 2" \pm 1.0 \%$
Wall Thickness	$\pm 12.5\%$ at any point
Weight	$\pm 10\%$