



SEAMLESS PIPES

Carbon Alloys Steel Pipe Dimensions with weight test Pressure according ANSI B36.10 For ASTM A53/A106/A333/A335/Specification

Nominal Size		Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressure min					
											Butt Welded		Grade A		Grade B	
in	mm	in	mm	in	mm			lb/ft	Kg/ft	Kg.m	psi	Kg/cm2	psi	Kg/cm2	psi	Kg/cm2
1/8	6	0.405	10.3	.068	1.7	std	40	0.24	0.11	0.36	700	49.20	700	49.20	700	49.20
				.095	2.4	xs	80	0.31	0.14	0.47	850	59.80	850	59.80	850	59.80
1/4	8	0.540	13.7	.088	2.2	std	40	0.42	0.19	0.63	700	49.20	700	49.20	700	49.20
				.119	3.0	xs	80	0.54	0.24	0.80	850	59.80	850	59.80	850	59.80
3/8	10	0.675	17.1	.091	2.3	std	40	0.57	0.26	0.85	700	49.20	700	49.20	700	49.20
				.126	3.2	xs	80	0.74	0.34	1.10	850	59.80	850	59.80	850	59.80
1/2	15	0.840	21.3	.109	2.8	std	40	0.85	0.39	1.26	700	49.20	700	49.20	700	49.20
				.147	3.7	xs	80	1.09	0.49	1.62	850	59.80	850	59.80	850	59.80
				.188	4.78	-	160	1.31	0.60	1.94	1000	70.30	1000	70.30	1000	70.30
				.294	7.5	xxs	-	1.71	0.78	2.54	1000	70.30	1000	70.30	1000	70.30
3/4	20	1.050	26.7	.113	2.9	std	40	1.13	0.51	1.68	700	49.20	700	49.20	700	49.20
				.154	3.9	xs	80	1.47	0.67	2.19	850	59.80	850	59.80	850	59.80
				.218	5.56	-	160	1.94	0.88	2.89	1000	70.30	1000	70.30	1000	70.30
				.308	7.8	xxs	-	2.44	1.11	3.63	1000	70.30	1000	70.30	1000	70.30
1	25	1.315	33.4	.133	3.4	std	40	1.68	0.76	2.50	700	49.20	700	49.20	700	49.20
				.179	4.5	xs	80	2.17	0.98	3.23	850	59.80	850	59.80	850	59.80
				.250	6.35	-	160	2.84	1.29	4.24	1000	70.30	1000	70.30	1000	70.30
				.358	9.1	xxs	-	3.66	1.66	5.45	1000	70.30	1000	70.30	1000	70.30
1 1/4	32	1.660	42.2	.140	3.6	std	40	2.27	1.03	3.38	1000	70.30	1000	70.30	1000	70.30
				.191	4.9	xs	80	3.00	1.36	4.46	1300	91.40	1500	105.50	1600	112.50
				.25	6.35	-	160	3.76	1.71	5.61	1400	98.40	1800	126.60	1900	133.60
				.382	9.7	xxs	-	5.21	2.36	7.75	1400	98.40	1800	126.60	1900	133.6
1 1/2	40	1.900	48.3	.145	3.7	std	40	2.72	1.23	4.05	1000	70.30	1000	70.30	1000	70.30
				.200	5.1	xs	80	3.63	1.65	5.40	1300	91.40	1500	105.50	1600	112.50
				.281	7.1	-	160	4.85	2.20	7.23	1400	98.40	1800	126.60	1900	133.60
				.400	10.2	xxs	-	6.41	2.91	9.54	1400	98.40	1800	126.60	1900	133.60
2	50	2.375	60.3	.154	3.9	std	40	3.65	1.66	5.43	1000	70.30	2300	161.70	2500	175.80
				.218	5.5	xs	80	5.02	2.28	7.47	1300	91.40	2500	175.80	2500	175.80
				.344	8.7	-	160	7.46	3.38	11.10	-	-	2500	175.80	2500	175.80
				.436	11.1	xxs	-	9.03	4.10	13.44	1400	98.40	2500	175.80	2500	175.80
2 1/2	65	2.875	73.0	.203	5.2	std	40	5.79	2.63	8.62	1000	70.30	2500	175.80	2500	175.80
				.276	7.0	xs	80	7.66	3.47	11.40	1300	91.40	2500	175.80	2500	175.80
				.375	9.5	-	160	10.01	4.54	14.90	1400	98.40	2500	175.80	2500	175.80
				.552	14.0	xxs	-	13.70	6.21	20.39	1400	98.40	2500	175.80	2500	175.80



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Nominal Size		Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressure min					
											Butt Welded		Grade A		Grade B	
in	mm	in	mm	in	mm			lb/ft	Kg/ft	Kg.m	psi	Kg/cm2	psi	Kg/cm2	psi	Kg/cm2
3	80	3.500	88.9	.188	4.8	-	-	6.63	3.01	9.87	1000	70.30	-	-	-	-
				.216	5.5	std	40	7.58	3.44	11.28	1000	70.30	2200	154.70	2500	175.80
				.300	7.6	xs	80	10.25	4.65	15.25	1300	94.40	2500	175.80	2500	175.80
				.438	11.1	-	160	14.31	6.49	21.30	-	-	2500	175.80	2500	175.80
				.600	15.2	xxs	-	18.58	8.13	27.65	-	-	2500	175.80	2500	175.80
3 1/2	90	4.000	101.6	.188	4.8	-	-	7.63	3.46	11.35	1200	84.40	-	-	-	-
				.226	5.7	std	40	9.11	4.13	13.58	1200	84.40	2000	140.60	2400	196.90
				.318	8.1	xs	80	12.51	5.67	18.62	1700	119.50	2800	169.90	2800	196.90
4	100	4.500	114.3	.156	4.0	-	-	7.25	3.29	10.79	1000	70.30	-	-	-	-
				.188	4.8	-	-	8.64	3.92	12.86	1200	84.40	-	-	-	-
				.219	5.6	-	-	10.00	4.45	14.88	1200	84.40	-	-	-	-
				.237	6.0	std	40	10.79	4.89	16.06	1200	84.40	1900	133.60	2200	154.70
				.337	8.6	xs	80	14.98	6.79	22.29	1700	119.50	2700	189.80	2800	196.90
				.438	11.1	-	120	18.98	8.61	28.25	-	-	2800	196.90	2800	196.90
				.531	13.5	-	160	22.52	10.21	33.51	-	-	2800	196.90	2800	196.90
.674	17.7	xxs	-	27.54	12.49	40.98	-	-	2800	196.90	2800	196.90				
5	125	5.563	141.3	.258	6.6	std	40	14.62	6.63	21.76	-	-	1700	119.50	1900	133.60
				.375	9.5	xs	80	20.78	9.43	30.92	-	-	2400	168.70	2800	196.90
				.500	12.7	-	120	27.04	12.27	40.42	-	-	2800	196.90	2800	196.90
				.625	15.9	-	160	32.96	14.95	49.05	-	-	2800	196.90	2800	196.90
				.750	19.0	xxs	-	38.55	17.49	57.37	-	-	2800	196.90	2800	196.90
6	150	6.625	168.3	.280	7.1	std	40	18.97	8.60	28.23	-	-	1500	105.50	1800	126.00
				.432	11.0	xs	80	28.57	12.96	42.52	-	-	2300	161.70	2700	189.90
				.562	14.4	-	120	36.42	16.52	54.20	-	-	2800	196.90	2800	196.90
				.719	18.3	-	160	45.34	20.57	67.47	-	-	2800	196.90	2800	196.90
				.864	21.9	xxs	-	53.16	24.11	79.11	-	-	2800	196.90	2800	196.90
8	200	8.625	219.1	.250	6.4	-	20	22.38	10.14	33.28	-	-	1000'	70.30	1200	84.40
				.277	7.0	-	30	24.70	11.70	36.76	-	--	1200	84.40	1300	91.40
				.322	8.2	std	40	28.55	12.95	42.49	-	-	1300	91.40	1600	112.00
				.406	10.3	-	60	35.66	16.18	53.07	-	-	1700	119.50	2000	140.60
				.500	12.7	xs	80	43.39	19.68	64.57	-	-	2100	147.70	2400	168.70
				.594	15.1	-	100	50.93	23.10	75.79	-	-	2500	175.80	2800	196.90
				.719	18.3	-	120	60.69	27.53	90.32	-	-	2800	196.90	2800	196.90
				.812	20.6	-	140	67.79	30.75	100.88	-	-	2800	196.90	2800	196.90
				.875	22.2	xxs	-	72.42	32.85	107.77	-	-	2800	196.90	2800	196.90
				.906	23.0	-	160	74.71	33.89	111.18	-	-	2800	196.90	2800	196.90



SEAMLESS PIPES

Carbon Alloys Steel Pipe Dimensions with weight test pressure according ANSI B36.10 for ASTM A53/A106/A333/ A335/Specification

Nominal Size		Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressre min.					
in	mm	in	mm	in	mm			lb/ft	Kg/ft	Kg/m	Butt Welded		Grade A		Grade B	
											psi	Kg/cm ²	psi	Kg/cm ²	psi	Kg/cm ²
10	250	10.750	273.0	.250	6.4	-	20	28.04	12.72	41.73	-	-	850	59.60	1000	70.3
				.279	7.1	-	-	31.20	14.15	46.43	-	-	950	66.80	1100	77.3
				.307	7.8	-	30	34.24	15.53	50.95	-	-	1000	70.30	1200	84.4
				.365	9.3	std	40	40.48	18.36	60.24	-	-	1200	84.40	1400	98.4
				.500	12.7	xs	60	54.74	24.83	81.46	-	-	1700	119.50	2000	140.6
				.594	15.1	-	80	64.40	29.21	95.84	-	-	2000	140.60	2300	161.7
				.719	18.3	-	100	77.00	34.93	114.59	-	-	2400	168.70	2800	196.9
				.844	21.4	-	120	89.27	40.49	132.85	-	-	2800	196.90	2800	196.9
				1.000	25.4	xxs	140	104.13	47.23	154.96	-	-	2800	196.90	2800	196.9
				1.125	28.6	-	160	115.65	52.46	172.11	-	-	2800	196.90	2800	196.9
12	300	12.750	323.8	.250	6.4	-	20	33.28	15.14	49.67	-	-	700	49.20	800	59.2
				.330	8.4	-	30	43.77	19.85	65.12	-	-	950	66.80	1100	77.3
				.375	9.5	std	-	49.56	22.48	73.75	-	-	1100	77.30	1200	84.4
				.406	10.3	-	40	53.56	24.29	79.71	-	-	1100	77.30	1300	91.4
				.500	12.7	xs	-	65.42	29.67	97.36	-	-	1400	98.40	1600	112.5
				.562	14.3	-	60	73.22	33.21	108.96	-	-	1600	112.50	1900	133.6
				.688	17.5	-	80	88.57	40.17	131.81	-	-	1900	133.60	2300	161.7
				.844	21.4	-	100	107.29	48.67	159.66	-	-	2400	168.70	2800	196.9
				1.000	25.4	xxs	120	125.49	56.92	186.75	-	-	2800	196.90	2800	196.9
				1.125	28.6	-	140	139.68	63.36	207.87	-	-	2800	196.90	2800	196.9
1.312	33.3	-	160	160.33	72.72	238.60	-	-	2800	196.90	2800	196.9				
14	350	14.000	355.6	.250	6.4	-	10	36.71	16.65	54.63	-	-	650	45.70	750	52.7
				.312	7.9	-	20	45.68	20.72	67.98	-	-	800	56.20	950	66.8
				.375	9.5	std	30	54.57	24.75	81.21	-	-	950	66.20	1100	77.3
				.438	11.1	-	40	63.37	28.74	94.30	-	-	1100	77.30	1300	91.4
				.500	12.7	xs	-	72.09	32.70	107.28	-	-	1300	91.40	1300	105.5
				.594	15.1	-	60	85.01	38.56	126.51	-	-	1500	105.50	1500	126.6
				.750	19.0	-	80	106.13	48.14	157.94	-	-	1900	133.60	2800	161.7
				.938	23.8	-	100	130.79	59.33	194.64	-	-	2400	168.70	2800	196.9
				1.094	27.8	-	120	150.76	68.38	224.36	-	-	2800	196.90	2800	196.9
				1.250	31.8	-	140	170.22	77.21	253.31	-	-	2800	196.90	2800	196.9
1.406	35.7	-	160	189.15	85.80	281.49	-	-	2800	196.90	2800	196.9				
16	400	16.000	406.4	.250	6.4	-	10	42.05	19.07	62.58	-	-	550	38.70	650	45.7
				.312	7.9	-	20	52.36	23.75	77.92	-	-	700	49.20	800	56.2
				.375	9.5	std	30	62.58	28.39	93.13	-	-	850	59.80	1000	70.3
				.500	12.7	xs	40	82.77	37.54	123.18	-	-	1100	77.30	1300	91.4
				.656	16.7	-	60	107.54	48.78	160.04	-	-	1500	105.50	1700	119.5
				.844	21.4	-	80	136.53	61.95	203.25	-	-	1900	133.60	2200	154.7
				1.031	26.2	-	100	165.86	74.78	245.34	-	-	2300	161.70	2700	189.8
				1.219	31.0	-	120	192.40	87.27	286.32	-	-	2700	189.80	2800	196.9
				1.438	36.5	-	140	223.57	101.41	332.71	-	-	2800	196.90	2800	196.9
				1.594	40.5	-	160	245.22	111.23	364.93	-	-	2800	196.90	2800	196.9



SEAMLESS PIPES

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Nominal Size		Outside Diameter		Wall Thickness		Class	Sched No.	Nominal Weight			Test Pressre min.					
in	mm	in	mm	in	mm			lb/ft	Kg/ft	Kg/m	Butt Welded		Grade A		Grade B	
											psi	Kg/cm ²	psi	Kg/cm ²	psi	Kg/cm ²
18	450	18.000	457.0	.250	6.4	-	10	47.39	21.49	70.50	-	-	500	35.18	650	45.7
				.312	7.9	-	20	59.03	26.76	87.80	-	-	650	45.70	800	56.1
				.375	9.5	std	-	70.59	32.00	105.00	-	-	750	52.73	850	59.8
				.437	11.1	-	30	82.06	37.19	122.00	-	-	850	59.80	1000	70.3
				.500	12.7	xs	-	92.45	42.37	139.00	-	-	1000	70.30	1200	84.4
				.562	14.3	-	40	104.75	47.55	156.00	-	-	1100	77.30	1300	91.4
				.750	19.0	-	60	138.17	62.79	206.00	-	-	1500	105.51	1800	126.6
				.937	23.8	-	80	170.75	77.42	254.00	-	-	1800	126.60	2300	161.6
				1.156	29.4	-	100	207.96	94.48	310.00	-	-	2300	161.70	2800	196.9
				1.375	34.9	-	120	244.14	110.70	363.00	-	-	2700	190.00	2800	196.9
1.562	39.7	-	140	274.73	124.4	406.00	-	-	2800	196.90	2800	196.9				
1.781	45.2	-	160	308.51	139.9	459.00	-	-	2800	196.90	2800	196.9				
20	500	20.000	508.00	.250	6.4	-	10	52.73	23.93	78.50	-	-	450	31.70	600	42.2
				.375	7.9	-	20	78.60	35.66	117.00	-	-	650	45.70	800	56.3
				.500	12.7	std	30	104.13	47.24	155.00	-	-	900	63.30	1000	70.3
				.593	15.1	xs	40	122.91	55.78	183.00	-	-	1050	73.80	1200	84.4
				.812	20.6	-	60	166.40	75.59	248.00	-	-	1400	98.40	1700	119.5
				1.031	26.2	-	80	208.87	94.79	311.00	-	-	1800	126.60	2000	140.6
				1.281	32.5	-	100	256.10	116.20	381.00	-	-	2300	161.70	2800	196.6
				1.500	38.1	-	120	296.37	134.40	441.00	-	-	2700	190.00	2800	196.6
				1.750	44.4	-	140	341.10	154.80	508.00	-	-	2800	196.90	2800	196.9
				1.968	50.0	-	160	379.01	171.90	564.00	-	-	2800	196.90	2800	196.9
22	550	22.000	559.00	.250	6.4	-	10	57.93	26.33	86.40	-	-	400	28.20	500	35.2
				.375	9.5	-	20	86.50	39.32	129.00	-	-	600	42.20	700	49.2
				.500	12.7	std	30	114.66	52.12	171.00	-	-	800	56.20	900	63.3
				.875	22.2	xs	60	197.14	89.61	294.00	-	-	1400	98.40	1500	105.5
				1.126	28.6	-	80	250.14	113.70	373.00	-	-	1800	76.70	2000	140.6
				1.374	34.9	-	100	302.50	137.50	451.00	-	-	2200	154.70	2600	182.3
				1.626	41.3	-	120	352.66	160.30	526.00	-	-	2600	182.82	2800	196.9
				1.874	47.6	-	140	402.38	182.90	600.00	-	-	2800	196.90	2800	196.9
				2.126	54.0	-	160	449.90	204.50	671.00	-	-	2800	196.90	2800	196.9
				24	600	24.000	610.0	.250	6.4	-	10	63.41	28.77	94.40	-	-
.375	9.5	-	20					94.62	42.98	141.00	-	-	550	38.70	700	49.2
.500	12.7	std	-					125.49	57.00	187.00	-	-	700	49.20	800	56.3
.552	14.3	xs	30					140.80	64.00	210.00	-	-	800	70.30	1000	70.3
.674	17.5	-	40					171.17	77.72	255.00	-	-	1000	84.36	1200	84.3
.968	24.6	-	60					238.11	108.29	355.00	-	-	1400	98.40	1600	112.5
1.218	31.0	-	80					296.36	134.40	441.00	-	-	1800	126.50	2000	140.6
1.531	38.9	-	100					367.40	166.70	547.00	-	-	2200	154.60	2600	182.8
1.812	46.0	-	120					429.39	194.80	639.00	-	-	2600	182.80	2800	196.9
2.342	59.5	-	160					541.94	246.00	807.00	-	-	2800	196.90	2800	196.9



SEAMLESS TUBE

		SIZE & WEIGHT KG/METER															
Outside Dia in swg.	Wt in mm	3.175 1/8"	4.76 3/16"	6.35 1/4"	7.94 5/16"	9.53 3/8"	11.10 7/16"	12.7 1/2"	14.29 9/16"	15.88 5/8"	19.05 3/4"	22.22 7/8"	25.4 1"	31.15 1 1/4"	38.10 1 1/2"	44.5 1 3/4"	50.8 2"
22 SWG	0.71	.043	0.71	.099	.127	.155	-	-	-	-	-	-	-	-	-	-	-
20 SWG	0.91	.051	.086	.122	.158	.193	.229	.265	.300	.336	.407	.478	.550	0.690	0.83	0.98	1.12
19 SWG	1.02	-	.094	.134	.174	.215	-	.293	-	.374	.453	.523	.612	0.770	0.73	1.09	1.25
18 SWG	1.22	-	.107	.154	.202	.250	-	.345	-	.441	.526	.632	.728	0.920	1.11	1.30	1.49
16 SWG	1.63	-	-	.190	.254	.318	-	.445	-	.573	.700	.828	.952	1.210	1.47	1.72	1.98
14 SWG	2.03	-	-	.216	.296	.375	-	.534	-	.693	.852	1.011	1.17	1.490	1.81	2.13	2.44

SEAMLESS TUBE

		SIZE & WEIGHT KG/METER															
Outside Dia in swg.	Wt in mm	19.05 3/4"	25.40 1"	31.75 1 1/4"	34.95 1 3/8"	38.10 1 1/2"	44.50 1 3/4"	50.80 2"	57.15 2 1/4"	63.50 2 1/2"	69.85 2 3/4"	76.1 3"	82.5 3 1/4"	88.9 3 1/2"	101.60 4"	108.00 4 1/4"	
14 swg	2.03	0.850	1.170	1.448	1.636	1.805	2.123	2.440	2.759	3.077	-	-	-	-	-	-	
12 swg	2.64	1.068	1.481	1.894	-	2.308	-	3.134	-	-	-	-	-	-	-	-	
11 swg	2.95	1.171	1.633	2.095	2.328	2.557	3.012	3.473	3.094	4.405	4.867	5.329	-	-	-	-	
10 swg	3.25	1.266	1.774	2.283	2.537	2.791	3.299	3.808	4.317	4.826	5.333	5.842	6.36	6.86	7.86	-	
9 swg	3.66	-	1.962	2.531	2.817	3.102	3.675	4.247	4.820	5.391	5.964	6.535	7.12	7.69	8.84	-	
8 swg	4.08	-	2.134	2.772	3.043	3.408	4.050	4.678	-	5.950	6.586	7.221	7.86	8.40	9.77	10.30	
7 swg	4.47	-	2.305	3.004	3.354	3.704	4.400	5.102	5.800	6.500	7.199	7.898	8.660	9.37	10.80	11.50	
6 swg	4.88	-	2.466	3.227	3.610	3.991	4.750	5.516	6.379	7.043	7.805	8.568	9.380	10.20	11.70	12.50	
5 swg	5.38	-	2.655	3.497	3.918	4.339	5.180	6.023	6.866	7.708	8.550	9.390	10.30	11.10	12.80	13.70	
1/4"	6.35	-	2.980	3.900	4.480	4.930	5.940	6.940	7.880	8.890	9.900	10.80	11.80	12.80	14.80	15.80	
5/16"	7.94	-	-	4.700	5.290	5.290	7.200	8.480	9.670	10.900	12.200	13.40	14.70	16.00	18.50	19.70	
3/8"	9.53	-	-	-	5.970	6.710	8.220	9.720	11.200	12.180	14.180	15.60	17.10	18.60	21.60	23.10	
1/2"	12.70	-	-	-	-	-	-	-	-	15.91	17.85	19.88	21.86	23.86	27.80	29.85	

Outside Dia in swg.	Wt in mm	114.3 4 1/2"	127.0 5"	137.0 5 1/4"	139.70 5 1/2"	152.40 6"	165.10 6 1/2"	177.80 7"	190.57 7 1/2"	193.70 7 5/8"	203.20 8"	229 9"	244.5 9 5/8"	254.0 10"	304.8 12"
8 swg	4.08	10.90	-	-	13.40	-	-	-	-	-	-	-	-	-	-
7 swg	4.47	12.20	13.60	14.30	15.00	16.40	19.40	-	-	-	-	-	-	-	-
6 swg	4.88	13.20	14.80	15.50	16.30	17.80	21.30	-	-	-	-	-	-	-	-
5 swg	5.38	14.50	16.20	17.00	17.90	19.60	24.70	-	-	-	30.82	-	-	-	-
1/4"	6.35	16.80	18.80	19.70	20.70	22.70	31.00	26.77	28.84	26.00	-	-	37.29	-	-
5/16"	7.94	21.00	23.50	24.70	26.00	28.50	36.50	33.28	35.88	29.34	-	-	47.67	-	-
3/8"	9.53	24.60	27.50	28.90	30.50	33.50	47.00	41.37	42.48	36.50	59.66	-	55.29	-	-
1/2"	12.70	31.82	35.30	-	39.20	43.10	-	51.55	55.68	43.26	86.50	67.74	72.60	75.57	91.48
3/4"	19.05	44.75	50.60	-	56.60	62.50	68.50	74.34	80.54	56.70	-	96.63	105.66	110.50	134.24
7/8"	22.22	-	-	-	-	-	-	-	-	-	-	-	121.80	-	-
1"	25.40	55.68	62.90	-	70.70	78.50	86.40	-	-	82.04	111.40	127.28	137.24	143.19	175.24
1 1/4"	31.70	-	-	-	-	-	-	-	-	-	-	-	165.46	-	-



**ERW BOILER TUBE BS/3059/PART1/1978 ERW 320
WITH I.B.R. IN FORM III B**

Outside Wall	Diameter Thickness	25.4 1"	31.75 1 1/4"	34.95 1 3/8"	38.10 1 1/2"	44.5 1 3/4"	50.80 2"	57.15 2 1/4"	63.50 2 1/2"	69.85 2 3/4"	76.1 3"	82.5 3 1/4"	88.9 3 1/2"	101.60 4"
14 Swg.	2.03	1.170	1.448	1.648	1.805	2.123	2.440	2.759	3.077	-	-	-	-	-
12 Swg.	2.64	1.481	1.894	-	2.308	-	3.134	-	-	-	-	-	-	-
11 Swg.	2.95	-	-	-	-	3.012	3.473	3.934	-	-	-	-	-	-
10 Swg.	3.25	1.774	2.283	2.537	2.791	3.299	3.808	4.317	4.826	5.333	5.842	6.36	6.860	7.880
9 Swg.	3.66	-	2.531	2.817	3.102	3.675	4.247	4.820	5.391	5.964	6.535	7.12	7.690	8.840
8 Swg.	4.08	-	-	-	3.408	4.050	4.678	-	5.950	6.586	7.221	7.86	8.490	9.770
7 Swg.	4.47	-	-	-	-	-	5.102	5.800	6.500	7.199	7.898	8.660	9.370	10.000
6 Swg.	4.88	-	-	-	3.991	4.754	5.516	6.279	7.043	7.805	8.568	9.380	10.200	11.000
5 Swg.	5.38	-	-	-	-	-	-	6.866	7.708	8.550	9.390	10.300	11.100	12.800
	5.50	-	-	-	-	-	-	7.010	7.870	8.730	9.590	10.450	11.310	13.010

**E.R.W. PRECISION STEEL TUBES CONFORM TO BS 980 ERW - 1 / IS 3074
ERW - 1/BSS 1775 / IS 3601 / IS - 7138**

Outside Wall swg	Diameter Thickness mm	15.88 5/8"	19.05 3/4"	22.22 7/8"	25.4 1"	31.75 1 1/4"	38.10 1 1/2"	44.45 1 3/4"	50.80 2"	57.15 2 1/4"	63.50 2 1/2"	69.85 2 3/4"	76.10 3"	88.9 3 1/2"	101.6 4"	114.3 4 1/2"
20 Swg.	0.91	0.336	0.407	0.478	0.550	0.690	0.830	0.980	1.120	-	-	-	-	-	-	-
19 Swg.	1.01	0.374	0.453	0.532	0.612	0.770	0.930	1.090	1.250	-	-	-	-	-	-	-
18 Swg.	1.22	0.441	0.526	0.632	0.728	0.920	1.110	1.300	1.490	1.68	-	-	-	-	-	-
16 Swg.	1.63	0.573	0.700	0.828	0.952	1.210	1.470	1.720	1.980	2.23	2.490	2.740	3.000	-	-	-
14 Swg.	2.03	0.693	0.852	1.01	1.170	1.490	1.810	2.130	2.440	2.76	3.080	3.400	3.710	4.350	4.980	5.620
12 Swg.	2.64	-	-	1.275	1.481	1.894	2.308	2.720	3.134	3.54	3.960	4.370	4.780	5.610	6.440	7.270
11 Swg.	2.95	-	-	-	-	2.095	2.557	3.012	3.473	3.934	4.405	4.867	5.329	6.250	7.180	8.100
10 Swg.	3.25	-	-	-	-	2.283	2.791	3.299	3.808	4.317	4.826	5.333	5.842	6.860	7.860	8.900
9 Swg.	3.66	-	-	-	-	-	3.102	3.670	4.250	4.820	5.391	5.964	6.535	7.690	8.840	9.990
8 Swg.	4.06	-	-	-	-	-	-	-	4.680	5.310	5.950	6.584	7.221	8.400	9.770	10.900
7 Swg.	4.47	-	-	-	-	-	-	-	-	-	6.500	-	7.898	9.370	10.800	12.200
6 Swg.	4.88	-	-	-	-	-	-	-	-	-	7.043	-	8.568	10.200	11.700	13.200
5 Swg.	5.38	-	-	-	-	-	-	-	-	-	7.708	-	9.390	11.100	12.800	14.500
-	5.50	-	-	-	-	-	-	-	-	-	7.870	-	9.590	11.320	13.010	14.760
-	6.00	-	-	-	-	-	-	-	-	-	-	-	-	12.270	14.140	16.020



**E.R.W. / CDW HEAT EXCHANGER TUBE
CONFORM TO ASTM 214 WITH NDT
TEST UNDER THIRD PARTY INSPECTION**

**HIGH PRESSURE HIGH TEMPERATURE
SERVICE ERW/CDW PIPE
ACC TO NORM ASTM A 53 WITH I.B.R. TEST
CERTIFICATE FORM 111 A**

SR. No.	OUTSIDE DIAMETER		WALL THICKNESS		WEIGHT
	mm	in	GAUGE	MM.	Kg/Mtr.
1	15.88	5/8"	16 Swg.	1.63 MIN.	0.602
2	15.88	5/8"	16 Bwg.	1.65 MIN.	0.608
3	15.88	5/8"	14 Swg.	2.03 MIN.	0.728
4	15.88	5/8"	14 Bwg.	2.11 MIN.	0.752
5	19.05	3/4"	16 Swg.	1.63 MIN.	0.735
6	19.05	3/4"	16 Bwg.	1.65 MIN.	0.744
7	19.05	3/4"	14 Swg.	2.03 MIN.	0.895
8	19.05	3/4"	14 Swg.	2.11 MIN.	0.926
9	19.05	3/4"	12 Swg.	2.64 MIN.	1.121
10	19.05	3/4"	12 Bwg.	2.77 MIN.	1.168
11	19.05	3/4"	12 Swg.	3.25 MIN.	1.330
12	19.05	3/4"	10 Swg.	3.40 MIN.	1.378
13	25.40	1"	16 Swg.	1.63 MIN.	1.000
14	25.40	1"	16 Bwg.	1.65 MIN.	1.020
15	25.40	1"	14 Swg.	2.03 MIN.	1.229
16	25.40	1"	14 Bwg.	2.11 MIN.	1.272
17	25.40	1"	12 Swg.	2.64 MIN.	1.555
18	25.40	1"	12 Bwg.	2.77 MIN.	1.623
19	25.40	1"	10 Swg.	3.25 MIN.	1.863
20	25.40	1"	10 Bwg.	3.40 MIN.	1.940
21	31.75	1 1/4"	16 Swg.	1.63 MIN.	1.267
22	31.75	1 1/4"	16 Bwg.	1.65 MIN.	1.271
23	31.75	1 1/4"	14 Swg.	2.03 MIN.	1.520
24	31.75	1 1/4"	14 Bwg.	2.11 MIN.	1.619
25	31.75	1 1/4"	12 Swg.	2.65 MIN.	1.989
26	31.75	1 1/4"	12 Bwg.	2.77 MIN.	2.079
27	31.75	1 1/4"	10 Swg.	3.25 MIN.	2.397
28	31.75	1 1/4"	10 Bwg.	3.40 MIN.	2.495

Sr. No.	NB in	NB mm	Sch. No.	Outside diameter mm	W.T. in mm	Weight kg/Mtr
1	1/2	15	40	21.3	2.77	1.27
2	1/2	15	80	21.3	3.73	1.62
3	3/4	20	40	26.7	2.87	1.69
4	3/4	20	80	26.7	3.91	2.2
5	1	25	40	33.4	3.38	2.5
6	1	25	80	33.4	4.55	3.24
7	1 1/4	32	40	42.2	3.56	3.35
8	1 1/4	32	80	42.2	4.85	4.47
9	1 1/2	40	40	48.3	3.68	4.05
10	1 1/2	40	80	48.3	5.08	5.41
11	2	50	40	60.3	3.91	5.44
12	2	50	80	60.3	5.54	7.48
13	2 1/2	65	40	73	5.16	8.63
14	3	80	40	88.9	5.49	11.29
15	3 1/2	90	40	101.6	5.74	13.57
16	4	100	40	114.3	6.02	16.07



E.R.W. PIPES

MILD STEEL PIPES										CONFIRM TO IS 1239 : 1979		
Nominal bore		Outside diameter		Thickness	Light	Weight	Thickness	Medium	Weight	Thickness	Heavy	Weight
in Inch	in mm	in Inch	in mm	in	MM	Kg/m	in	MM	Kg/m	in	MM	Kg/mtr
1/8"	6 mm	0.406	10.32	.072	1.80	.361	.080	2.00	.407	.104	2.65	.493
1/4"	8 mm	0.532	13.49	.072	1.80	.517	.092	2.35	.650	.116	2.90	.769
3/8"	10 mm	0.872	17.10	.072	1.80	.674	.092	2.35	.852	.116	2.90	1.02
1/2"	15 mm	0.844	21.43	.080	2.00	.952	.104	2.65	1.122	.128	3.25	1.45
3/4"	20 mm	1.094	27.20	.092	2.35	1.410	.104	2.65	2.440	.128	3.25	1.90
1"	25 mm	1.312	33.80	.104	2.65	2.010	.128	3.25	1.580	.160	4.05	2.97
1 1/4"	32 mm	1.656	42.90	.104	2.65	2.580	.128	3.25	3.140	.160	4.05	3.84
1 1/2"	40 mm	1.906	48.40	.116	2.90	3.250	.128	3.25	3.610	.160	4.05	4.43
2"	50 mm	2.375	60.30	.116	2.90	4.110	.144	3.65	5.100	.176	4.47	6.17
2 1/2"	65 mm	3.004	76.20	.126	3.25	5.840	.144	3.65	6.610	.176	4.47	7.90
3"	80 mm	3.500	88.90	.128	3.25	6.810	.166	4.05	8.470	.192	4.85	10.10
4"	100 mm	4.500	114.30	.144	3.65	9.890	.176	4.50	12.100	.212	5.40	14.40
5"	125 mm	5.500	139.70	-	-	-	.192	4.85	16.200	.212	5.40	17.80
6"	150 mm	6.500	165.10	-	-	-	.192	4.85	19.200	.212	5.40	21.20

LARGE DIAMETER ERW PIPES

CONFIRM TO IS 3589								
Wall Thickness in mm	Nominal Bore	Nominal Bore	Nominal Bore	Nominal Bore	Nominal Bore	Nominal Bore	Nominal Bore	Nominal Bore
	7"NB 193.7mm OD	8"NB 219.1mm OD	10"NB 273 mm OD	12"NB 323.7 mm OD	14"NB 354.0 mm OD	16" NB 406.4 mm OD	18" NB 454.0 mm OD	20" NB 508.0 mm OD
	Kg/mtr	Kg/mtr	Kg/mtr	Kg/mtr	Kg/mtr	Kg/mtr	Kg/mtr	Kg/mtr
4.85	22.59	25.62	32.07	38.13	-	-	-	-
5.20	24.17	27.43	34.34	40.84	-	-	-	-
5.60	26.00	29.28	36.93	43.93	48.11	-	-	-
6.00	27.88	31.53	39.50	47.02	51.49	61.00	69.00	-
6.35	29.34	33.28	41.73	49.67	54.43	62.35	70.50	78.50
7.01	32.27	36.76	46.43	55.45	61.82	69.04	-	-
7.94	-	41.00	50.95	61.85	67.98	77.92	87.80	-
8.18	-	42.56	53.42	65.12	-	-	-	-
9.53	-	51.50	60.24	73.75	81.21	93.13	105.00	117.00
12.7	-	-	-	-	107.28	123.30	139.00	155.00