

ERW Boiler , Super Heater , Heat Exchanger , Condenser & Air Heater Tubes & Pipes BS : 3059 (Pt-I & II) , BS 6323 (Pt-V), ASTM, A-178, A-214, A-333, A334, IS 2416 (Pt-IV)

OD (MM)	Wall Thickness	Nominal Weight	
		Plain End	
	MM	KG/M	Mtr/Ton
33.70	2.03	1.59	631
	2.34	1.81	553
	2.64	2.02	495
	2.95	2.24	447
	3.25	2.44	410
	3.38	2.53	396
	3.66	2.71	369
	4.06	2.97	337
	4.50	3.24	309
38.00	2.03	1.80	555
	2.34	2.06	486
	2.64	2.30	434
	2.95	2.55	392
	3.25	2.79	359
	3.66	3.10	323
	4.06	3.40	294
	4.50	3.72	269
42.40	2.34	2.31	433
	2.64	2.59	386
	2.95	2.87	348
	3.25	3.14	319
	3.56	3.41	293
	3.66	3.50	286
	4.06	3.84	260
	4.50	4.21	238
44.5	2.34	2.43	411
	2.64	2.73	367
	2.95	3.02	331
	3.25	3.31	302
	3.66	3.69	271
	4.05	4.04	248
	4.50	4.44	225
48.3	2.34	2.65	377
	2.64	2.97	336
	2.95	3.30	303
	3.25	3.61	277
	3.66	4.03	248
	3.68	4.05	247
	3.91	4.28	234
	4.06	4.43	226
	4.50	4.86	206

50.80	2.34	2.80	358
	2.64	3.14	319
	2.95	3.48	287
	3.25	3.81	262
	3.66	4.25	235
	4.06	4.68	214
	4.50	5.14	195
57.20	2.64	3.55	282
	2.95	3.95	253
	3.25	4.32	231
	3.66	4.83	207
	4.06	5.32	188
	4.50	5.85	171
60.30	2.64	3.75	266
	2.95	4.17	240
	3.25	4.57	219
	3.66	5.11	196
	3.91	5.44	184
	4.06	5.63	178
	4.50	6.19	161
63.50	2.64	3.96	252
	2.95	4.41	227
	3.25	4.83	207
	3.66	5.40	185
	4.06	5.95	168
	4.50	6.55	153
73.00	5.16	8.63	116
76.10	2.95	5.32	188
	3.25	5.84	171
	3.66	6.54	153
	4.06	7.21	139
	4.50	7.95	126
88.90	3.25	6.86	146
	3.66	7.69	130
	4.06	8.49	118
	4.50	9.37	107
	5.49	11.29	89
101.60	3.66	8.84	113
	4.06	9.77	102
	4.50	10.78	93
	5.74	13.57	74
114.30	4.06	11.04	91
	4.50	12.19	82
	6.02	16.08	62
127.00	4.50	13.59	74
141.30	6.55	21.77	46
168.30	7.11	28.26	35

219.10	6.35	33.32	30
	7.04	36.82	27
	8.18	42.55	24
273.00	6.35	41.76	24
	7.80	51.01	20
	9.27	60.29	17
323.80	6.35	49.71	20
	8.38	65.19	15
	9.52	73.79	14
355.60	6.35	54.69	18
	7.92	67.91	15
	9.52	81.25	12

Tolerance BS:3059(I)	
Outside Diameter	+/- 0.75% (+/- 0.30 mm min)
Wall Thickness Upto 3.25 mm	+/- 10%
Wall Thickness Over 3.25 mm	+/- 7.5%
Length Upto 6 Mtrs	+6 - 0 mm
Length Over 6 Mtrs	1.5 mm with increase of Length (12mm Max)

Tolerance BS:3059(II)	
Outside Diameter	+/- 0.75% (+/- 0.30 mm min)
Wall Thickness	+/- 10% Excluding weld area
Length Upto 6 Mtrs	+6 - 0 mm
Length Over 6 Mtrs	1.5 mm with increase of Length (12mm Max)

Tolerance BS:6323(V)	
Outside Diameter	As per Table
Wall Thickness Less than 3.00 mm	+ 10%
Wall Thickness 3.00 mm & Above	- 8%
Length upto 0.5 Mtr	+2 -0 mm
Length 0.5 to 2 Mtr	+3 -0 mm
Length 2 to 5 Mtr	+5 -0 mm
Length 5 to 7 Mtr	+10 -0 mm
Length above 7 Mtr	As agreed

Tolerance ASTM A-178 & A-214	
Outside Diameter	As per Table
Wall Thickness	+18% -0%
Weight	+10% -0%
Length less than < 2"	+3 -0 mm
Length >= 2"	+5 -0 mm

Tolerance ASTM A-178 & A-214

Outside Diameter	As per Table
Wall Thickness	+18% -0%
Weight	+10% -0%
Length less than < 2"	+3 -0 mm
Length >= 2"	+5 -0 mm

Tolerance ASTM A-333 & A-334

Outside Diameter	As per Table
Wall Thickness	At any Point -12.50% Max
Weight Single Pipe 300 mm and Less	+10% -3.5%
Weight Single Pipe above 300 mm	+10% -5%
Length if Specified	+6 -0 mm