

MTS PIPES AND TUBES P. LTD.

Stockists, suppliers & importers of.....

- CARBON & ALLOY STEEL SEAMLESS PIPES & TUBES
- ERW PIPES (BLACK & GALVANIZED)
- CARBON & ALLOY STEEL BOILER & SUPER HEATER TUBES
- CARBON & ALLOY STEEL HEAT EXCHANGER TUBES
- CEW/CDW TUBES
- SQUARE & RECTANGULAR PIPES/TUBES

When you deal with us, you are assured of.....

- A complete range of SIZE, SPECIFICATIONS & GRADE of material.
- Assured Quality - right from raw material to end product stage, since we offer world renowned makes such as MSL, ISMT, JINDAL SAW, Jindal Pipes Ltd., T.I., Asian, Bhushan, Apollo, Lloyds, etc.
- A complete understanding of your end use, specially for odd sizes or grades
- Timely deliveries

Our range :

- CARBON STEEL SEAMLESS PIPES AS PER ASTM A 106 GR.B/API 5L GR.B/ASTM A 53 GR.B
- CARBON STEEL SEAMLESS TUBES AS PER BS 3059, ASTM A 179, ASTM A 192, ASTM A 210 GR.A1,
- ALLOY STEEL SEAMLESS PIPES AS PER ASTM A 335 GR.P5, P11, P22
- Low temperature Pipes to ASTM A 333 GR.6
- ALLOY STEEL SEAMLESS TUBES AS PER ASTM A 213 GR. T11, T22
- ERW BLACK PIPES AS PER IS:1239/I, IS: 3589 GR.330 OR GR.410
- GALVANISED PIPES AS PER IS:1239/I, BS: 1387
- SQUARE & RECTANGULAR PIPES AS PER IS: 4923
- ERW BOILER TUBES: BS 3059, ASTM A 214
- AIR PRE HEATER TUBES to BS: 6323 PART V
- HYDRAULIC TUBES TO DIN 2391 ST. 35, ST. 45 & ST. 52
- SEAMLESS HEAT EXCHANGER TUBES ASTM A 179
- CDW TUBES IS: 3074
- CRCA ERW TUBES TO IS 3601 OR IS 3074
- SPECIAL SHAPED TUBES LIKE HEXAGONAL TUBES, OVAL TUBES, ELLIPTICAL TUBES, AS PER CUSTOMER REQUIREMENTS

304, Richa, B-29, Veera Industrial Area, Off Link Road, Andheri West, Mumbai 400053
Tel : 91-22-67076242, Fax : 26743874, Mobile : 9619295385/9322595385,
Email : sanjeev@mtspipes.co.in, mts_pipes@vsnl.net, website: www.mtspipe.com

Sizes & Weights of Seamless Pipes As Per ASTM A 106/53 Gr.A/B available with us ex-stock

Nominal Bore	Outside Diameter		Wall Thickness	Schedule	Class	Weight [KG]	
	Inch	MM				Per Meter	Per Foot
1/8	0.405	10.30	1.70	40	Std	0.36	0.11
		10.30	2.40	80	xs	0.47	0.14
¼	0.54	13.70	2.24	40	Std	0.63	0.19
		13.70	3.02	80	xs	0.80	0.24
3/8	0.675	17.10	2.31	40	Std	0.84	0.26
		17.10	3.20	80	xs	1.10	0.33
½ (15mm)	0.84	21.30	2.77	40	Std	1.27	0.38
		21.30	3.73	80	xs	1.62	0.49
		21.30	4.78	160	-	1.95	0.59
		21.30	7.47	-	xxs	2.55	0.78
¾ (20mm)	1.05	26.70	2.87	40	Std	1.69	0.51
		26.70	3.91	80	xs	2.20	0.67
		26.70	5.56	160	-	2.90	0.88
		26.70	7.82	-	xxs	3.64	1.11
1 (25mm)	1.315	33.40	3.38	40	Std	2.50	0.76
		33.40	4.55	80	xs	3.24	0.98
		33.40	6.35	160	-	4.24	1.29
		33.40	9.09	-	xxs	5.45	1.66
1.1/4 (32mm)	1.66	42.20	3.56	40	Std	3.39	1.03
		42.20	4.85	80	xs	4.47	1.36
		42.20	6.35	160	-	5.61	1.71
		42.20	9.70	-	xxs	7.77	2.36
1.1/2 (40mm)	1.9	48.30	3.68	40	Std	4.05	1.23
		48.30	5.08	80	xs	5.41	1.65
		48.30	7.14	160	-	7.25	2.20
		48.30	10.15	-	xxs	9.55	2.90
2 (50mm)	2.375	60.30	3.91	40	Std	5.44	1.65
		60.30	5.54	80	xs	7.48	2.28
		60.30	8.74	160	-	11.11	3.38
		60.30	11.13	-	xxs	13.50	4.10
2.1/2 (65mm)	2.875	73.00	5.16	40	Std	8.63	2.63
		73.00	7.01	80	xs	11.41	3.47
		73.00	9.53	160	-	14.92	4.54
		73.00	14.02	-	xxs	20.39	6.20
3 (80mm)	3.5	88.90	4.78	-	-	9.92	3.02
		88.90	5.49	40	Std	11.29	3.43
		88.90	7.62	80	xs	15.27	4.65
		88.90	11.13	160	-	21.35	6.49
		88.90	15.24	-	xxs	27.68	8.42
3.1/2 (90mm)	4	101.60	4.78	-	-	11.41	3.47
		101.60	5.74	40	Std	13.57	4.13
		101.60	8.08	80	xs	18.63	5.67

NB Inch	Outside Dia		W. Th.	Sch	Class	Weight (Kg)	
	Inch	MM	MM	-	-	Per Meter	Per Foot
4	4.5	114.30	3.96	-	-	10.78	3.28
(100mm)		114.30	4.78	-	-	12.91	3.93
		114.30	5.56	-	-	14.91	4.53
		114.30	6.02	40	std	16.07	4.89
		114.30	8.56	80	xs	22.32	6.79
		114.30	11.13	120	-	28.32	8.61
		114.30	13.49	160	-	33.54	10.20
		114.30	17.12	-	xxs	41.03	12.48
5	5.563	141.30	6.55	40	Std	21.77	6.62
(125mm)		141.30	9.53	80	xs	30.97	9.42
		141.30	12.70	120	-	40.28	12.25
		141.30	15.88	160	-	49.11	14.94
		141.30	19.05	-	xxs	57.43	17.47
6	6.625	168.30	7.11	40	Std	28.26	8.60
(150mm)		168.30	9.53	60	-	37.31	11.35
		168.30	10.97	80	xs	42.56	12.94
		168.30	14.27	120	-	54.20	16.49
		168.30	18.26	160	-	67.56	20.55
		168.30	21.95	-	xxs	79.22	24.09
8	8.625	219.10	6.35	20	-	33.31	10.13
(200mm)		219.10	7.04	30	-	36.81	11.20
		219.10	8.18	40	Std	42.55	12.94
		219.10	10.31	60	-	53.08	16.14
		219.10	12.70	80	xs	64.64	19.66
		219.10	15.09	100	-	75.92	23.09
		219.10	18.26	120	-	90.44	27.51
		219.10	20.62	140	-	100.92	30.69
		219.10	22.23	-	xxs	107.92	32.82
		219.10	23.01	160	-	111.27	33.84
10	10.75	273.10	6.35	20	-	41.77	12.70
(250mm)		273.10	7.11	-	-	46.64	14.18
		273.10	7.80	30	-	51.03	15.52
		273.10	9.27	40	Std	60.31	18.34
		273.10	12.70	60	xs	81.55	24.80
		273.10	15.09	80	-	96.01	29.20
		273.10	18.26	100	-	114.75	34.90
		273.10	21.44	120	-	133.06	40.47
		273.10	25.40	140	xxs	155.15	47.19
		273.10	28.58	160	-	172.33	52.41
12	12.75	323.80	6.35	20	-	49.71	15.15
(300mm)		323.80	8.38	30	-	65.18	19.87
		323.80	9.53	-	Std	73.86	22.51
		323.80	10.31	40	-	79.70	24.29
		323.80	12.70	-	xs	97.43	29.70
		323.80	14.27	60	-	108.92	33.20
		323.80	17.48	80	-	132.04	40.25
		323.80	21.44	100	-	159.86	48.73
		323.80	25.40	120	xxs	186.91	56.97
		323.80	28.58	140	-	208.07	63.42
		323.80	33.32	160	-	238.68	72.75

NB	Outside Dia		W. Th.	Sch	Class	Weight (Kg)	
Inch	Inch	MM	MM	-	-	Inch	Inch
14	14	355.60	6.35	10	-	54.69	16.67
(350mm)		355.60	7.92	20	-	67.90	20.70
		355.60	9.53	30	Std	81.33	24.79
		355.60	11.13	40	-	94.55	28.82
		355.60	12.70	-	xs	107.39	32.73
		355.60	15.09	60		126.71	38.62
		355.60	19.05	80	-	158.10	48.19
		355.60	23.82	100	-	194.89	59.40
		355.60	27.79	120	-	224.65	68.47
		355.60	31.75	140	-	253.56	77.29
		355.60	35.71	160	-	281.70	85.86
16	16	406.40	6.35	10	-	62.64	19.09
(400mm)		406.40	7.92	20	-	77.83	23.72
		406.40	9.53	30	Std	93.27	28.43
		406.40	12.70	40	xs	123.30	37.58
		406.40	16.66	60	-	160.12	48.80
		406.40	21.44	80	-	203.53	62.04
		406.40	26.19	100	-	245.56	74.85
		406.40	30.96	120	-	286.64	87.37
		406.40	36.53	140	-	333.19	101.56
		406.40	40.49	160	-	365.36	111.36
18	18	457.20	6.35	10	-	70.60	21.52
(450mm)		457.20	7.92	20	-	87.75	26.75
		457.20	9.53	-	Std	105.21	32.07
		457.20	11.13	30	-	122.43	37.32
		457.20	12.70	-	xs	139.21	42.43
		457.20	14.20	40	-	155.13	47.28
		457.20	19.05	60	-	205.83	62.74
		457.20	23.83	80	-	254.67	77.62
		457.20	29.36	100	-	309.76	94.42
		457.20	34.93	120	-	363.73	110.87
		457.20	39.67	140	-	408.45	124.50
		457.20	45.24	160	-	459.59	140.08
20	20	508.00	6.35	10	-	78.55	23.94
(500mm)		508.00	9.53	20	Std	117.15	35.71
		508.00	12.70	30	xs	155.12	47.28
		508.00	15.09	40	-	183.42	55.91
		508.00	20.62	60	-	247.83	75.54
		508.00	26.20	80	-	311.29	94.88
		508.00	32.50	100	-	381.09	116.16
		508.00	38.10	120	-	441.49	134.57
		508.00	44.40	140	-	507.60	154.72
		508.00	50.00	160	-	564.71	172.12
24	24	609.60	6.35	10	-	94.46	28.79
(600mm)		609.60	9.53	20	Std	141.02	42.98
		609.60	12.70	-	xs	186.94	56.98
		609.60	14.27	30	-	209.50	63.85
		609.60	17.48	40	-	255.24	77.80
		609.60	24.61	60	-	355.02	108.21
		609.60	31.00	80	-	442.32	134.82
		609.60	38.90	100	-	547.46	166.87
		609.60	46.00	120	-	639.33	194.87
		609.60	52.40	140	-	720.00	219.46
		609.60	59.50	160	-	807.15	246.02

MILD STEEL PIPES CONFORMING TO IS : 1239 (PART I) – 1979

Nominal Bore		Light (A-Class)				Medium & Heavy O.D. in MM		Medium (B-Class) Thickness & Weight		Heavy (C-Class) Thickness & Weight	
Inch	MM	OD Min	OD Max	W.th.	Kg/mtr	OD Min	OD Max	mm	kg/mtr	mm	kg/mtr
1/8"	3 mm	9.7	10.1	1.80	0.36	9.8	10.6	2.00	0.41	2.65	0.49
1/4"	6 mm	13.2	13.6	1.80	0.52	13.2	14	2.35	0.65	2.90	0.77
3/8"	10 mm	16.7	17.1	1.80	0.67	16.7	17.5	2.35	0.85	2.90	1.02
1/2"	15 mm	21.0	21.43	2.00	0.95	21.0	21.8	2.65	1.22	3.25	1.45
3/4"	20 mm	26.4	27.2	2.35	1.41	26.5	27.3	2.65	1.58	3.25	1.90
1"	25 mm	33.2	33.8	2.65	2.01	33.3	34.2	3.25	2.44	4.05	2.97
1.1/4"	32 mm	41.9	42.9	2.65	2.58	42.0	42.9	3.25	3.14	4.05	3.84
1.1/2"	40 mm	47.8	48.4	2.90	3.25	47.9	48.8	3.25	3.61	4.05	4.43
2"	50 mm	59.6	60.3	2.90	4.11	59.7	60.8	3.65	5.10	4.47	6.17
2.1/2"	65 mm	75.2	76.2	3.25	5.84	75.3	76.6	3.65	6.61	4.47	7.90
3"	80 mm	87.9	88.9	3.25	6.81	88.0	89.5	4.05	8.47	4.85	10.10
4"	100 mm	113.0	113.9	3.65	9.89	113.1	115	4.50	12.10	5.40	14.40
5"	125 mm	-	139.7	-	-	138.5	140.8	4.85	16.20	5.40	17.80
6"	150 mm	-	165.1	-	-	163.9	166.5	4.85	19.20	5.40	21.20

WEIGHT CHART OF BIG DIAMETER ERW PIPES CONFORMING TO IS 3589 Fe 330 or Fe 410, KG/MTR

W.th. (mm)	7" NB (193.7 mm)	8" NB (219.1 mm)	10" NB (273 mm)	12" NB (323.7mm)	14" NB (355.6 mm)	16" NB (406.4 mm)	18" NB (457mm)	20" NB (508 mm)	24" NB (609.60 mm)
4.85	22.59	25.62	32.07	38.15	-	-	-	-	-
5	23.27	26.40	33.04	39.31	43.23	49.49	55.76	-	-
5.6	25.98	29.48	36.93	43.94	48.33	55.35	62.36	69.38	
6	27.77	31.53	39.51	47.02	51.73	59.24	66.76	74.28	89.31
6.35	29.34	33.31	41.75	49.71	54.69	62.64	70.60	78.55	94.46
7	-	36.61	45.92	54.69	-	-	-	-	-
8	-	41.65	52.28	62.30	68.57	78.60	88.62	98.64	118.68
9.53	-	49.25	61.92	73.86	81.33	93.27	105.21	117.15	141.02
12.7	-	-	-	-	107.39	123.30	139.21	155.12	186.94

M.S. ERW SQUARE & RECTANGULAR PIPES IS: 4923 WEIGHT IN KG PER METER

W. th in MM			1.6MM	2MM	2.6MM	2.9MM	3.2MM	4MM	5MM	6MM	8MM
MM	x	MM									
20	x	20	0.87	1.05	1.28	1.39	1.48				
25	x	25	1.12	1.36	1.69	1.84	1.98				
30	x	30	1.37	1.68	2.10	2.30	2.49				
32	x	32	1.48	1.80	2.26	2.48	2.69				
38	x	38	1.78	2.18	2.75	3.03	3.29				
40	x	40	1.88	2.31	2.92	3.21	3.49	4.20			
50	x	50	2.38	2.93	3.73	4.12	4.50	5.45	6.56	7.56	
60	x	60	2.88	3.56	4.55	5.03	5.50	6.71	8.13	9.44	
72	x	72	3.49	4.31	5.53	6.12	6.71	8.22	10.01	11.71	
80	x	80		4.82	6.18	6.85	7.51	9.22	11.27	13.21	
91	x	91				7.85	8.61	10.60	13.00	15.28	
100	x	100				8.67	9.52	11.73	14.41	16.98	
150	x	150						18.01	22.26	26.40	34.37
200	x	200						24.29	30.11	35.82	46.93
250	x	250							37.96	45.24	59.49
40	x	20	1.37	1.68	2.10	2.30	2.49				
50	x	25	1.75	2.15	2.71	2.98	3.24				
60	x	40	2.38	2.93	3.73	4.12	4.50	5.45			
66	x	33		2.90	3.69	4.07	4.44	5.39			
80	x	40	2.88	3.56	4.55	5.03	5.50	6.71	8.13	9.44	
96	x	48	3.49	4.31	5.53	6.12	6.71	8.22	10.01	11.71	
100	x	50	3.64	4.50	5.77	6.40	7.01	8.59	10.48	12.27	
122	x	61				7.90	8.66	10.67	13.07	15.38	
145	x	82				9.90	10.88	13.43	16.53	19.52	
150	x	100						14.87	18.33	21.69	
172	x	92						15.75	19.43	23.01	
200	x	100						18.01	22.26	26.40	34.37
240	x	120						21.78	26.97	32.05	41.91
300	x	150						27.43	34.03	40.53	53.21
300	x	200						30.57	37.96	45.24	59.49

CHEMICAL COMPOSITION & PHYSICAL PROPERTIES OF SOME COMMON SPECIFICATIONS

Specification	Type	Grade	Chemical Composition (%)															Mechanical Properties		
			C		Mn		P	S	Si		Cr		Mo		Cu	Ni	V			
			Min	Max.	Min	Max.	Max	Max	Min.	Max	Min.	Max	Min.	Max	Max	Max	Max	YST	UTS	EL %
ASTM A 53	E & S	B	-	0.3	-	1.2	0.05	0.045	-	-	-	0.40	-	0.15	0.40 for S	0.40	0.08	240	415	
															0.50 for E					
ASTM A 106	S	B	-	0.3	0.29	1.06	0.035	0.035	0.10	-	-	0.40	-	0.15	0.4	-	0.08	240	415	30L / 16.5T
ASTM A 179	S	-	0.06	0.18	0.27	0.63	0.035	0.035	-	-	-	-	-	-	-	-	-	180	325	35
ASTM A 192	S		0.06	0.18	0.27	0.63	0.035	0.035	-	0.25	-	-	-	-	-	-	-	180	325	35
ASTM A 210	S	A-1	-	0.27	-	0.93	0.035	0.035	0.10	-	-	-	-	-	-	-	-	255	415	30
ASTM A213	S	T-5	-	0.15	0.30	0.60	0.025	0.025	-	0.5	4.00	6.00	0.45	0.65	-	-	-	205	415	30
ASTM A213	S	T-11	0.05	0.15	0.30	0.60	0.025	0.025	0.50	1.00	1.00	1.50	0.44	0.65	-	-	-	205	415	30
ASTM A213	S	T-22	0.05	0.15	0.30	0.60	0.025	0.025	-	0.50	1.9.	2.60	0.87	1.13	-	-	-	205	415	30
ASTM 214	E		-	0.18	0.27	0.63	0.035	0.035	-	-	-	-	-	-	-	-	-	-	-	-
ASTM 333	S	6	-	0.30	0.29	1.06	0.025	0.025	0.10	-	-	-	-	-	-	-	-	240	415	30
ASTM A 335	S	P-11	0.05	0.15	0.30	0.60	0.025	0.025	0.50	1.00	1.00	1.50	0.44	0.65	-	-	-	205	415	30
ASTM A 335	S	P-22	0.05	0.15	0.30	0.60	0.025	0.025	-	0.50	1.9.	2.60	0.87	1.13	-	-	-	205	415	30
BS 3059 Part 1	E	320	-	0.16	0.30	0.70	0.04	0.04	-	0.35	-	-	-	-	-	-	-	195	320-480	25
	S	320	-	0.16	0.30	0.70	0.04	0.04	0.10	0.35	-	-	-	-	-	-	-	195	320-480	25
BS 3059 Part II	S	360	-	0.17	0.40	0.80	0.035	0.035	0.10	0.35	-	-	-	-	-	-	-	235	360-500	26
	S	622-490	0.08	0.15	0.40	0.70	0.03	0.03	-	0.50	2.00	2.50	0.90	1.20	-	-	-	275	490-640	20
BS 6323 Part V (Anld)	E	ERW-1	-	0.13	-	0.60	0.05	0.05	-	-	-	-	-	-	-	-	-	150	270	27
BS 1387	E & S		-	0.20	-	1.20	0.045	0.045	-	-	-	-	-	-	-	-	-	195	320	20
IS:1239/I	E		-	0.20	-	1.30	0.040	0.040	-	-	-	-	-	-	-	-	-	-	320	20
IS: 3589	E	Fe 330	-	0.16	-	1.20	0.040	0.040	-	-	-	-	-	-	-	-	-	195	330	20
IS: 3589	E	Fe 410	-	0.20	-	1.30	0.040	0.040	-	-	-	-	-	-	-	-	-	235	410	18
DIN 2391 NBK	S	St- 30 SI	-	0.10	-	0.55	0.025	0.025	-	0.30	-	-	-	-	-	-	-	215	290-480	30
	S	St- 30 AL	-	0.10	-	0.55	0.025	0.025	-	0.05	-	-	-	-	-	-	-	215	290-420	30
	S	St - 35	-	0.17	0.40	-	0.025	0.025	-	0.35	-	-	-	-	-	-	-	215	340-470	25
	S	St - 45	-	0.21	0.40	-	0.025	0.025	-	0.35	-	-	-	-	-	-	-	255	440-570	21
	S	St - 52	-	0.22	-	1.60	0.025	0.025	-	0.55	-	-	-	-	-	-	-	355	490-630	22