

T.T. SWASTIK

where Quality is the tradition

Galvanised & Black Steel Pipes - Tubes & C.R Strips



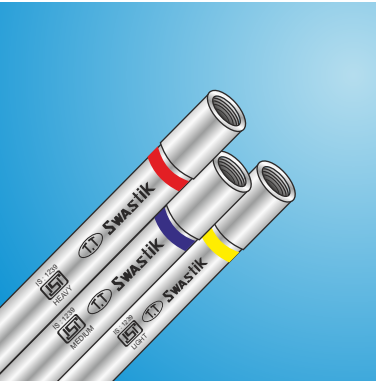
SWASTIK Pipes Limited

AN ISO 9001:2008 COMPANY

<< ERW MS Pipes

<< Hollow Sections

<< CR Strips



ABOUT US



Swastik Pipes Limited is one of the leading manufacturer and exporter of T.T.Swastik Brand high quality Mild Steel ERW Black and Galvanized Pipes/ Tubes Since 1973.Swastik Pipes is also manufacturing LINE PIPES as per API-5L since December 2005. Its advanced state-of-art manufacturing facilities with ISO 9001: 2008 and APIQ1 approvals and achieved National and International reputation and appreciation.

At present, it's highly sophisticated and technically competent plants are located at Bahadurgarh, Distt. Jharjjar, Haryana (Unit no.1) with an installed capacity of 1, 25,000 MT of Pipes and 1, 00,000 MT

of CR Coils/Strips and at Kotwan, Kosi Kalan, Distt. Mathura, Uttar Pradesh (Unit No. 2) with an installed capacity of 1, 00,000 MT. Of Ppipes .Swastik Pipes turnover is Crossing INR 6030 Million.

Swastik Pipes Limited is cataring the demand of steel pipes and tubes of various heavy engineering industries in India and abroad. Steel pipes and tubes can be used for many purposes such as steel pipes for frames and shafts, steel pipes for bicycle frames, steel pipes for furnitures, cdw pipes for shockers, steel pipes for various structural purposes, steel pipes for various engineering purposes etc. We have a very wide range of steel pipes and tubes products. The lengths of the steel pipes & tubes range from 4m to 6.5m unless otherwise specified by the customers. We manufacture steel pipes and tubes in various shapes and size such as square, round, rectangular, triangular, and elliptical or any special shape.

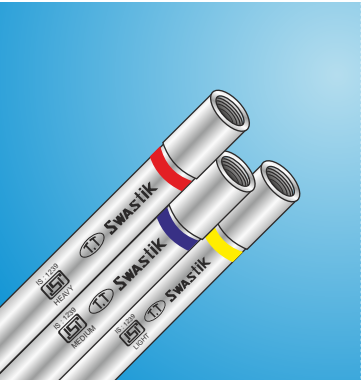
Swastik Pipes Limited is manufacturing Electric resistance welded Steel Pipes and high frequency induction welded Tubes according to following specifications :

SI.No.	SPECIFICATION	DESCRIPTION
1	IS : 1239 (P-1)-2004	STEEL TUBES FOR USE FOR WATER, GAS, AIR & STEAM
2	IS : 1161-1998	STEEL TUBES FOR STRUCTURAL PURPOSE & ELECTRIC POLES
3	IS : 3589-2001	STEEL TUBES FOR WATER & SEWAGE
4	IS : 3601-1984	STEEL TUBES FOR MECHANICAL & GENERAL ENGINEERING PURPOSE
5	IS : 9295-1983	STEEL TUBES FOR USE FOR IDLERS FOR BELT CONVEYORS
6	IS : 4270-2001	STEEL TUBES FOR USE FOR WELLS PLAIN END CASING PIPES
7	IS : 3074-1979	STEEL TUBES FOR USE FOR AUTOMOTIVE PURPOSE
8	IS : 4923-1997	STEEL TUBES FOR USE FOR HOLLOW SECTIONS FOR STRUCTURAL USE
9	IS : 1978-1982	STEEL TUBES FOR USE IN TRANSPORTATION OF OIL, GAS & PETROLEUM
PRODUCTS		
10	BS : 1387-1985	BRITISH STANDARD FOR SCREWED & SOCKETED & PLAIN END STEEL PIPES
11	BS : EN-39:2001	STEEL TUBES SCAFFOLDS
12	BS : EN-10210-1:1994	STEEL TUBES FOR HOT FINISHED STRUCTURAL HOLLOW SECTION OF NONALLOY AND GRAIN STRUCTURAL STEELS
13	BS : 6323(P-1)1982	STEEL TUBES FOR AUTOMOBILE, MECHANICAL & GENERAL ENGINEERING

PURPOSE



Swastik Pipes Limited
AN ISO 9001:2008 COMPANY



TECHNICAL DATA OF BLACK & GALVANISED STEEL TUBES AS PER IS: 1239

AS PER IS - 1239 (Part-1) / BS : 1387/ 1985

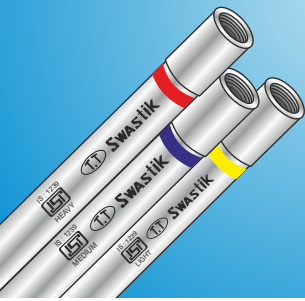
NOMINAL BORE (NB) mm inches	CLASS	OUTSIDE DIAMETER		WALL THICKNESS		PLAIN ENDS		SCREWED & SOCKETED	
		MIN MM	MAX MM	MM	SWG	Kg/Mg	Mtrs/Tonne	Kg/Mtr	Mtrs/Tonne
15 (½")	L	21.00	21.40	2.00	14	0.947	1056	0.956	1046
	M	21.00	21.80	2.60	12	1.21	826	1.22	820
	H	21.00	21.80	3.20	10	1.44	694	1.45	690
20 (¾")	L	26.40	26.90	2.30	13	1.38	725	1.39	719
	M	26.50	27.30	2.60	12	1.56	641	1.57	637
	H	26.50	27.30	3.20	10	1.87	535	1.88	532
25 (1")	L	33.20	33.80	2.60	12	1.98	505	2.00	500
	M	33.30	34.20	3.20	10	2.41	415	2.43	412
	H	33.30	34.20	4.00	8	2.93	341	2.95	339
32 (1¼")	L	41.90	42.50	2.60	12	2.54	394	2.57	389
	M	42.00	42.90	3.20	10	3.10	323	3.13	319
	H	42.00	42.90	4.00	8	3.79	264	3.82	262
40 (1½")	L	47.80	48.40	2.90	11	3.23	310	3.27	306
	M	47.90	48.80	3.20	10	3.56	281	3.60	278
	H	47.90	48.80	4.00	8	4.37	229	4.41	227
50 (2")	L	59.60	60.20	2.90	11	4.08	245	4.15	241
	M	59.70	60.80	3.60	9	5.03	199	5.10	196
	H	59.70	60.80	4.50	7	6.19	162	6.26	160
65 (2½")	L	75.20	76.00	3.20	10	5.17	175	5.83	172
	M	75.30	76.60	3.60	9	6.42	156	6.54	153
	H	75.30	76.60	4.50	7	7.93	126	8.05	124
80 (3")	L	87.90	88.70	3.20	10	6.72	149	6.89	145
	M	88.00	89.50	4.00	8	8.36	120	8.53	117
	H	88.00	89.50	4.80	6	9.90	101	10.10	99
100 (4")	L	113.00	113.90	3.60	9	9.75	103	10.00	100
	M	113.10	115.00	4.50	7	12.20	82	12.50	80
	H	113.10	115.00	5.40	5	14.50	69	14.80	68
125 (5")	M	138.50	140.80	4.80	6	15.90	63	16.40	61
	H	138.50	140.80	5.40	5	17.90	56	18.40	54
150 (6")	M	163.90	166.50	4.80	6	18.90	53	19.50	51
	H	163.90	166.50	5.40	5	21.30	47	21.90	46

TOLERANCE :

Thickness Light tubes	: - 8% + Not Limited
Medium & Heavy tubes	: -10% + Not Limited
Weight : 1. Single tube (Light Series)	: +10% -8%
2. Single tube (Medium & Heavy Series)	: ±10%
3. For quantities per load of 10 tonnes min.(Light Series)	: +7.5%-5%
4. For quantities per load of 10 tonnes min.(Medium & Heavy Series)	: ±7.5%

Length : Light, Medium & Heavy tubes : Random length of 4 to 7meters unless specified otherwise.





HOLLOW STEEL SECTIONS FOR STRUCTURAL USE AS PER IS : 4923 : 1997

SQUARE HOLLOW SECTIONS (SHS)

SECTION SHS (MM)	Depth D (mm)	Width B (mm)	Thick-(ness)T (mm)	Weight W (Kg/m)	Mts./Tonne
16 x16	16.00	16.00	1.80	0.83	1204
	16.00	16.00	2.40	1.07	935
19 x19	19.00	19.00	1.80	0.99	1010
	19.00	19.00	2.40	1.29	775
25 x25	25.00	25.00	2.60	1.69	592
	25.00	25.00	3.20	1.98	505
30 x 30	30.00	30.00	2.60	2.10	476
	30.00	30.00	3.20	2.49	402
	30.00	30.00	4.00	2.94	340
40 x40	40.00	40.00	2.60	2.92	342
	40.00	40.00	3.20	3.49	287
	40.00	40.00	3.60	3.85	260
	40.00	40.00	4.00	4.20	238
50 x 50	50.00	50.00	2.90	4.35	230
	50.00	50.00	3.20	4.77	210
70 x 70	70.00	70.00	3.20	6.71	149
	70.00	70.00	4.00	8.22	122
	70.00	70.00	4.80	9.66	104
80 x 80	80.00	80.00	3.60	9.38	107
	80.00	80.00	4.50	11.52	87
	80.00	80.00	4.90	12.44	80
100 x100	100.00	100.00	3.60	9.67	103
	100.00	100.00	4.50	11.88	84
	100.00	100.00	5.40	14.01	71
120 x 120	120.00	120.00	4.80	15.92	63
	120.00	120.00	5.40	17.74	56
132 x 132	132.00	132.00	4.80	18.71	53
	132.00	132.00	5.40	20.88	48
150 x 150	150.00	150.00	5.00	22.26	45

GRADE	T.S.(min)	Y.S. (min)	Elongation	
	Mpa	Mpa	25.4mm & under	Over 25.4 mm
YST-210	330	210	12	20
YST-240	410	240	10	15
YST-310	450	310	8	10

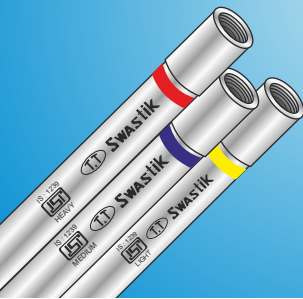
TOLERANCES

O.D.	+/-0.5 mm
Thickness	+/-10%
Weight	
(1) Single Pipe	-8%+10%
(2) On lots of 10 Tonne	±7.5%

RECTANGULAR HOLLOW SECTIONS (RHS)

SECTION SHS (MM)	Depth D (mm)	Width B (mm)	Thick-(ness)T (mm)	Weight W (Kg/m)	Mts./Tonne
30 x 20	30.00	20.00	2.00	1.47	680
40 x 20	40.00	20.00	2.00	1.78	562
50 x 25	50.00	25.00	2.90	2.98	336
	50.00	25.00	3.20	3.24	309
60 x 40	60.00	40.00	2.90	4.12	243
	66.00	33.00	2.90	4.07	246
66 x 33	66.00	33.00	3.60	4.93	203
	66.00	33.00	4.50	5.95	168
	70.00	30.00	2.90	4.12	243
70 x 30	70.00	30.00	3.20	4.50	222
	70.00	30.00	4.00	5.45	183
	80.00	40.00	2.90	5.03	199
80 x 40	80.00	40.00	3.20	5.50	182
	80.00	40.00	4.00	6.71	149
	96.00	48.00	3.20	6.71	149
96 x 48	96.00	48.00	4.00	8.22	122
	96.00	48.00	4.80	9.66	104
	122.00	61.00	3.60	9.67	103
122 x 61	122.00	61.00	4.50	11.88	84
	122.00	61.00	5.40	14.01	71
	145.00	82.00	4.80	15.92	63
145 x 82	145.00	82.00	5.40	17.74	56
	172.00	92.00	4.80	18.71	53
172 x 92	172.00	92.00	5.40	20.88	48





(T.T) Swastik Swastik Pipes Limited

Manufacturers & Exporters

STEEL TUBES FOR STRUCTURAL PURPOSE CONFORMING TO IS : 1161 : 1998

N.B and Series	Outside Diameter	Thick-ness	Nominal Weight Black Tubes Plain End		Calculated Nominal Weight Galvanized Tubes Plain End	
			Kg/m	m/tonne	Kg/m	m/tonne
15 L M H	21.3	2.0	0.947	1058	1.00	1003
		2.6	1.21	826	1.26	794
		3.2	1.44	694	1.49	671
20 L M H	26.9	2.3	1.38	725	1.43	699
		2.6	1.56	641	1.61	621
		3.2	1.87	535	1.92	521
25 L M H	33.7	2.6	1.98	505	2.03	493
		3.2	2.41	415	2.46	407
		4.0	2.93	341	2.98	336
32 L M H	42.4	2.6	2.54	394	2.62	382
		3.2	3.10	323	3.18	314
		4.0	3.79	264	3.87	258
40 L M H	48.3	2.9	3.23	310	3.34	299
		3.2	3.56	281	3.67	272
		4.0	4.37	229	4.48	223
50 L M H	60.3	2.9	4.08	245	4.20	238
		3.6	5.03	199	5.15	194
		4.5	6.19	162	6.31	158
65 L M H	76.1	3.2	5.71	175	5.86	171
		3.6	6.42	156	6.57	152
		4.5	7.93	126	8.10	123
80 L M H	88.9	3.2	6.72	149	6.90	145
		4.0	8.36	120	8.54	117
		4.8	9.90	101	10.08	99
90 L M H	101.6	3.6	8.70	115	8.97	111
		4.0	9.63	144	7.20	139
		4.8	11.50	87	11.77	85
100 L M H	114.3	3.6	9.75	103	9.97	100
		4.5	12.20	82	12.42	81
		5.4	14.50	69	14.72	68
110 L M H	127.0	4.5	13.60	74	13.90	72
		4.8	14.50	69	14.80	68
		5.4	16.20	62	16.80	61
125 L M H	139.7	4.5	15.00	67	15.25	66
		4.8	15.90	63	16.15	62
		5.4	17.90	56	18.15	55
135 L M H	152.4	4.5	16.40	61	16.78	60
		4.8	17.50	57	17.88	56
		5.4	19.60	51	19.98	55
150 L M H	165.1	4.5	17.80	56	18.20	55
		4.8	18.90	52	19.80	51
		5.4	21.30	47	21.70	46
150 L M H1 H2	168.3	4.5	18.20	55	18.66	54
		4.8	19.40	52	19.88	50
		5.4	21.70	46	22.24	45
		6.3	25.20	40	41.00	24
175 L M H	193.7	4.8	22.40	45	22.94	44
		5.4	25.10	40	25.64	39
		5.9	27.30	37	27.84	36
200 L M H	219.1	4.8	25.40	39	25.95	39
		5.6	29.50	34	30.05	33
		5.9	31.00	32	31.55	32
225 H	244.5	5.9	34.70	29	35.36	28
250 H	273.0	5.9	38.90	26	39.68	25
300 H	323.9	6.3	49.30	20	50.28	20
350 H	355.6	8.0	68.60	15	69.58	14

TENSILE PROPERTIES

GRADE	Y.S. (MIN) Mpa (Kg/mm2)	T.S. (MIN) Mpa (Kg/mm2)	% age Elongation
YST-210	210 (21.42)	330 (33.66)	20
YST-240	240 (24.48)	410 (41.82)	17

TOLERANCES

- i) On outside diameter up to & Including 48.3 mm
= + 0.4mm / - 0.8mm
ii) Over 48.3mm = ±1%

THICKNESS

For all Size
Welded Tubes

WEIGHT

Single Tube

- i) Light Class +10% / - 8%
ii) Medium & Heavy Class ±10%
10 Tonne Lot
i) Light Class ±5%
ii) Medium & Heavy Class ±7.5%

TOLERANCES

+ Not limited

-10%

TOLERANCES

ERW STEEL PIPES FOR WATER, GAS & SEWAGE

AS PER IS - 3589 / 2001

NOMINAL, SIZE (NB) mm	OUTER DIAMETER (OD) mm	THICKNESS mm	CALCULATED WEIGHT kg./Mtrs. Mtrs./Ton	
150	168.3	4.00	16.21	61.70
150	168.3	4.50	18.17	55.00
150	168.3	4.80	19.35	51.68
150	168.3	5.00	20.14	49.66
150	168.3	5.40	21.69	46.10
150	168.3	6.00	24.02	41.64
150	168.3	7.00	27.84	35.92
175	193.7	4.00	18.70	53.00
175	193.7	4.50	21.00	48.00
175	193.7	4.80	22.35	44.72
175	193.7	5.00	23.26	43.00
175	193.7	5.40	25.07	40.00
175	193.7	6.00	27.77	36.00
175	193.7	7.00	32.20	31.00
200	219.1	4.00	21.22	47.13
200	219.1	4.50	23.81	42.00
200	219.1	4.80	25.36	39.43
200	219.1	5.00	26.40	37.87
200	219.1	5.40	28.46	35.13
200	219.1	6.00	31.53	31.71
200	219.1	7.00	36.61	27.31
250	273.1	4.00	26.50	37.68
250	273.1	4.50	29.80	33.55
250	273.1	4.80	31.75	31.50
250	273.1	5.00	33.00	30.25
250	273.1	5.40	35.63	28.00
250	273.1	6.00	39.50	25.31
250	273.1	7.00	45.91	21.77
300	323.9	4.00	31.60	32.00
300	323.9	4.50	35.40	28.00
300	323.9	4.80	37.80	26.00
300	323.9	5.00	39.30	25.00
300	323.9	5.40	42.40	24.00
300	323.9	6.00	47.00	21.00
300	323.9	7.00	54.70	18.00
300	323.9	8.00	62.30	16.00
300	323.9	9.20	71.40	14.00
300	323.9	10.00	77.40	13.00

TOLERANCES

- Thickness : ± 10%
Outside Diameter : ± 0.75%
Length : Random length 4 to 7 meters
unless specified otherwise
on request up to 12 meters



Swastik Pipes Limited

Manufacturers & Exporters

Our Patrons:

Some of our coveted patrons are:



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