

M.S. & G.I. ERW PIPES

ERW pipes, also known as **Electric Resistance Welded pipes**, are steel pipes manufactured using the electric resistance welding process. These pipes are **widely used in various industries and applications** due to their durability, strength, and cost-effectiveness

ERW pipes **offer several advantages**, such as **high strength, good ductility, excellent weldability & affordability**.

They are **easy to install**, resistant to impact and vibrations & **can withstand harsh environmental conditions**.

Expect Timely Delivery & Excellent Customer Service from Utsav Steels. Place your order today for your projects.

Product Name: ERW PIPES

Category: Mild Steel & Galvanised Iron

Shape: Round/ Circular

Surface: Mill Finish

Colour: Black/ Dark Gray / Silver

Minimum Order Quantity: 01 Metric Tonne



HSN CODE: 7306

Payment Terms: NEFT / RTGS / IMPS

Delivery Time: Usually 1-2 Business Days for Intra State, Exact duration depends on specific location

Main Domestic Market: Pan India



Make:

- JINDAL
- UTKARSH/BANSAL
- APOLLO
- TATA
- NEZONE
- SAIL
- MSL (JINDAL STAR)
- LOCAL MAKE (BSTL, IFOAM, PARAMHANS)



Grades Available: (FE 330)

- IS 1239 Part - 1: 2004
- IS 3589: 2001

Size Available:

- **IS 1239**
*15mm NB (Light, Medium, Heavy) to
150mm NB (Medium, Heavy)*
- **IS 3589**
*100mm NB x 5mm thk to
600mm NB x 10mm thk*

Length:

6 meters

Dispatch Locations:

Kolkata

IS 1239 Part I: 2004

JINDAL / UTKARSH / APOLLO /
TATA / NEZONE

NB & SERIES		OUTER DIAMETER		WALL THICKNESS	NOMINAL WEIGHT	
NB	SERIES	Min. mm	Max. mm	mm	Kg/m	Mtrs/ M.Ton
15	L	21.0	21.4	2.0	0.95	1052
	M	21.0	21.8	2.6	1.21	826
	H	21.0	21.8	3.2	1.44	694
20	L	26.4	26.9	2.3	1.38	725
	M	26.5	27.3	2.6	1.56	641
	H	26.5	27.3	3.2	1.87	535
25	L	33.2	33.8	2.6	1.98	505
	M	33.3	34.2	3.2	2.41	415
	H	33.3	34.2	4.0	2.93	341
32	L	41.9	42.5	2.6	2.54	394
	M	42.0	42.9	3.2	3.10	322
	H	42.0	42.9	4.0	3.79	264
40	L	47.8	48.4	2.9	3.23	310
	M	47.8	48.8	3.2	3.56	281
	H	47.9	48.8	4.0	4.37	229

NB & SERIES		OUTER DIAMETER		WALL THICKNESS	NOMINAL WEIGHT	
NB	SERIES	Min. mm	Max. mm	mm	Kg/m	Mtrs/ M.Ton
50	L	59.6	60.2	2.9	4.08	245
	M	59.7	60.8	3.6	5.03	199
	H	59.7	60.8	4.5	6.19	161
65	L	75.2	76.0	3.2	5.74	175
	M	75.3	76.6	3.6	6.42	156
	H	75.3	76.6	4.5	7.93	126
80	L	87.9	88.7	3.2	6.72	149
	M	88.0	89.5	4.0	8.36	120
	H	88.0	89.5	4.8	9.90	101
100	L	113.0	113.9	3.6	9.75	102
	M	113.1	115.0	4.5	12.20	82
	H	113.1	115.0	5.4	14.50	69
125	M	138.5	140.8	4.8	15.90	63
	H	138.5	140.8	5.4	17.90	56
150	M	163.9	165.5	4.8	18.90	53
	H	163.9	165.5	5.4	21.30	47



JINDAL PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
150	168.30	2.60	10.60	94
		3.20	13.00	77
		4.00	16.20	62
		4.50	18.20	55
		5.00	20.10	50
		6.30	25.20	40
175	193.70	2.60	12.30	81
		3.60	16.90	59
		4.50	21.00	48
		6.30	29.10	34
200	219.10	2.60	13.90	72
		3.60	19.10	52
		4.50	23.80	42
		6.30	33.10	30
250	273.00	3.60	23.90	42
		4.00	26.50	38
		5.00	33.90	30

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
250	273.00	6.30	41.40	24
		7.10	46.57	21
		8.00	52.30	19
		10.00	64.90	15
300	323.90	4.00	31.60	32
		5.00	35.40	28
		5.60	44.00	23
		7.10	55.50	18
350	355.60	5.60	48.33	21
		6.40	55.11	18
		7.10	61.02	16
		7.90	67.74	15
		8.70	74.42	13
		9.50	81.08	12
400	406.40	5.60	55.35	18
		6.40	63.13	16
		10.00	97.76	10
		12.70	123.31	8

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
450	457.00	5.60	62.34	16
		8.00	88.58	11
		10.00	110.24	9
		12.70	139.16	7
500	508.00	5.60	69.38	14
		8.00	98.65	10
		10.00	122.81	8
		12.70	155.13	6



UTKARSH PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
150	168.30	4.00	16.21	62
		4.50	18.18	55
		4.85	18.55	54
		5.00	20.14	50
		5.40	21.69	46
		5.50	22.08	45
		6.00	24.01	42
		6.35	25.36	39
		7.00	27.84	36
200	219.10	4.00	21.22	47
		4.50	23.81	42
		4.85	25.62	39
		5.00	26.40	38
		5.40	28.46	35
		5.50	28.97	35
		6.00	31.53	32
		6.35	33.31	30

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
200	219.10	7.00	36.61	27
		7.50	39.14	26
		8.00	41.65	24
		9.00	46.63	21
		9.50	49.10	20
		10.00	51.56	19
		10.50	54.01	19
250	273.00	4.00	26.53	38
		4.50	29.79	34
		4.85	32.07	31
		5.00	33.04	30
		5.40	35.64	28
		5.50	36.28	28
		6.00	39.50	25
		6.35	41.76	24
		7.00	45.92	22
		7.50	49.10	20
		8.00	52.28	19
		9.00	58.59	17

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
250	273.00	9.50	61.73	16
		10.00	64.86	15
		10.50	67.97	15
300	323.90	4.00	31.55	32
		4.50	35.44	28
		4.85	38.16	26
		5.00	39.32	25
		5.40	42.41	24
		5.50	43.18	23
		6.00	47.03	21
		6.35	49.73	20
		7.00	54.70	18
		7.50	58.52	17
		8.00	62.32	16
		9.00	69.89	14
		9.50	73.65	14
		10.00	77.41	13
		10.50	81.15	12
350	355.60	4.00	34.68	29

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
350	355.60	4.50	38.96	26
		4.85	41.95	24
		5.00	43.23	23
		5.40	46.64	21
		5.50	47.48	21
		6.00	51.73	19
		6.35	54.69	18
		7.00	60.17	17
		7.50	64.38	16
		8.00	68.57	15
		9.00	76.92	13
		9.50	81.08	12
		10.00	85.22	12
		10.50	89.36	11
400	406.40	4.00	39.74	25
		4.50	44.65	22
		4.85	48.09	21
		5.00	49.55	20
		5.40	53.45	19

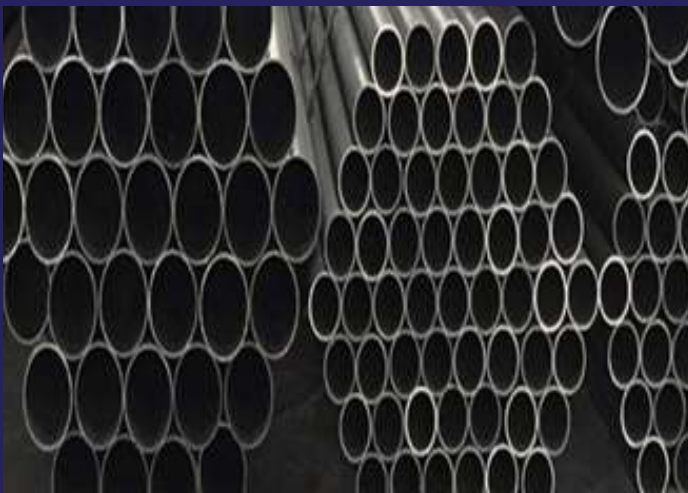
NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
400	406.40	5.50	54.44	18
		6.00	59.32	17
		6.35	62.72	16
		7.00	69.03	14
		7.50	73.87	14
		8.00	78.69	13
		9.00	88.31	11
		9.50	93.10	11
		10.00	97.88	10
		10.50	102.64	10



APOLLO PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
150	168.30	2.60	10.60	94
		3.20	13.00	77
		4.00	16.20	62
		4.50	18.20	55
		5.00	20.10	50
		6.30	25.20	40
175	193.70	2.60	12.30	81
		3.60	16.90	59
		4.50	21.00	48
		6.30	29.10	34
200	219.10	2.60	13.90	72
		3.60	19.10	52
		4.50	23.80	42
		6.30	33.10	30
250	273.00	3.60	23.90	42
		4.00	26.50	38
		5.00	33.90	30

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
250	273.00	6.30	41.40	24
		7.10	46.57	21
		8.00	52.30	19
		10.00	64.90	15
300	323.90	4.00	31.60	32
		5.00	35.40	28
		5.60	44.00	23
		7.10	55.50	18
350	355.60	5.60	48.33	21
		6.40	55.11	18
		7.10	61.02	16
		7.90	67.74	15
		8.70	74.42	13
		9.50	81.08	12



TATA PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
200	219.10	4.35	23.04	43
		5.00	26.40	38
		6.35	33.32	30
250	273.10	5.00	33.06	30
		6.35	41.77	24
300	323.90	5.00	39.32	25
		6.35	49.72	20
350	355.60	5.00	43.23	23
		6.35	54.69	18
400	406.40	5.00	49.50	20
		6.00	59.25	17
450	457.00	6.00	66.73	15
		8.00	88.58	11
500	508	8.00	98.65	10
		10.00	122.81	8
550	559	8.00	108.71	9
		10.00	135.39	7
600	610	10.00	147.97	7

NEZONE PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
150	168.30	4.00	16.09	62
		4.50	18.10	55
		4.85	19.60	51
		5.40	21.70	46
		6.30	25.30	40
		7.00	28.16	36
175	193.70	4.00	18.64	54
		4.85	22.60	44
		5.40	25.00	40
		5.90	27.30	37
		7.00	32.62	31
200	219.10	4.00	21.20	47
		4.85	25.70	39
		5.60	29.40	34
		5.90	31.00	32
		7.00	37.09	27

SAIL PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
200	219.10	4.8	25.37	39
		5.2	27.43	36
		5.6	29.48	34
		6.0	31.53	32
		6.4	33.57	30
		7.1	37.12	27
		7.9	41.15	24
		9.5	49.11	20
		10	51.57	19
250	273.00	4.8	31.75	31
		5.2	34.34	29
		5.6	36.93	27
		6.0	39.51	25
		6.4	42.08	24
		7.1	46.56	21
		7.9	51.65	19
		9.5	61.74	16
		10	64.86	15

SAIL PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
300	323.90	5.0	39.32	25
		5.2	40.87	24
		5.6	43.96	23
		6.0	47.04	21
		6.4	50.11	20
		7.1	55.47	18
		7.9	61.56	16
		9.5	73.66	14
		10	77.41	13
350	355.60	5.0	43.23	23
		5.2	44.93	22
		5.6	48.34	21
		6.0	51.73	19
		6.4	55.12	18
		7.1	61.02	16
		7.9	67.74	15
		9.5	81.09	12
		10	85.23	12

SAIL PIPES- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
mm	mm	mm	Kg/m	Mtrs/ M.Ton
400	406.40	5.2	51.45	19
		5.6	55.35	18
		6.0	59.25	17
		6.4	63.13	16
		7.1	69.92	14
		7.9	77.64	13
		9.5	92.99	11
		10	97.76	10
450	457.00	5.2	57.94	17
		5.6	62.34	16
		6.0	66.73	15
		6.4	71.12	14
		7.1	78.78	13
		7.9	87.50	11
		9.5	104.84	10
		10	110.24	9

LOCAL ROLLED- IS 1239

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT
Inch	mm	mm	Kg/pc
3/4"	26.00	1.20	4.50
		1.60	5.50
		2.00	7.00
1"	33.00	1.20	5.50
		1.80	8.50
		2.10	9.50
		2.80	12.80
1 1/4"	42.00	1.40	8.50
		1.60	10.00
		2.20	12.00
		2.50	14.00
1 1/2"	48.00	1.20	8.00
		1.40	10.00
		1.60	11.00
		1.80	12.00
		2.20	15.00
		2.50	17.00
		2.80	19.00

LOCAL ROLLED- IS 1239

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT
Inch	mm	mm	Kg/pc
2"	60.00	1.60	14.00
		2.20	19.00
		2.80	24.00
		3.20	27.00
2 1/2"	76.00	1.60	18.00
		1.80	19.00
		2.20	24.50
		2.80	30.50
3"	88.00	2.20	28.50
		2.50	32.00
		2.80	36.50
		3.20	41.00
4"	113.00	2.20	37.00
		2.80	46.00



TOLERANCE

Thickness Tolerance

Grade	TOLERANCE	
IS 1239	- 8% for Light	± 10% for Medium & Heavy
IS 3589	± 10% for all thickness	

Width Tolerance

Grade	TOLERANCE	
IS 1239	-8%, +10% for Light	± 10% for Medium & Heavy
IS 3589	± 7.5%	

Length Tolerance

Grade	Tolerance
IS 1239	± 0.5 mtr
IS 3589	± 100 mm

Other Size Tolerance

Grade	Tolerance
IS 3589	Outer Diameter: ± 0.75%
IS 3589	Ovality: Max 1%

Applications:

- **Air, Gas & Water Sewage**
- **Fire Fighting Use**
- **HVAC Applications**
- **Railways**
- **Steam pass-through**
- **Mechanical & General Engineering**
- **Idlers**
- **Scaffolding**
- **Industrial Applications (Boilers, Heat Exchangers & Refineries)**

