

# 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	
			Kg/m	Mtrs/ M.Ton
mm	mm	mm		
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	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
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	
			Kg/m	Mtrs/ M.Ton
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
200	219.10	7.00	27.84	36
		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	
			Kg/m	Mtrs/ M.Ton
mm	mm	mm		
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	
			Kg/m	Mtrs/ M.Ton
mm	mm	mm		
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
350	355.60	10.00	77.41	13
		10.50	81.15	12
		4.00	34.68	29

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT		
			mm	mm	Kg/m
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	
400	406.40	10.00	85.22	12	
		10.50	89.36	11	
		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	

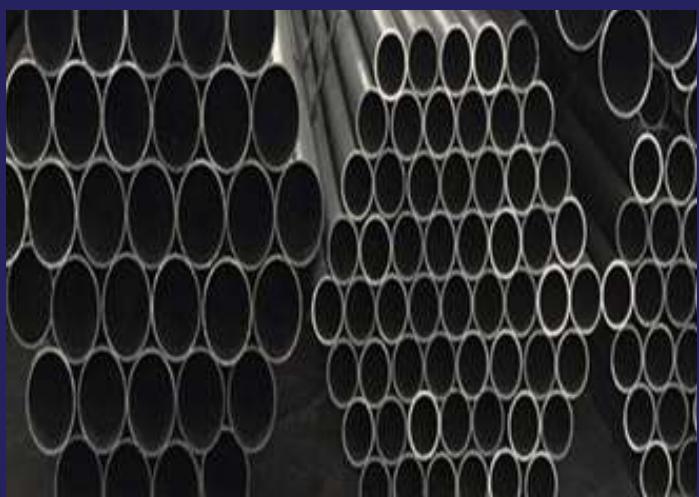
NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			mm	mm
400	406.40	5.50	54.44	18
		6.00	59.32	17
		6.35	62.72	16
		7.00	69.03	14
		7.50	73.87	14
		8.00	78.69	13
		9.00	88.31	11
		9.50	93.10	11
		10.00	97.88	10
		10.50	102.64	10



# Apollo Pipes- IS 3589: 2001

NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			Kg/m	Mtrs/ M.Ton
mm	mm	mm		
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
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	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
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
		4.00	21.20	47
200	219.10	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
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
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

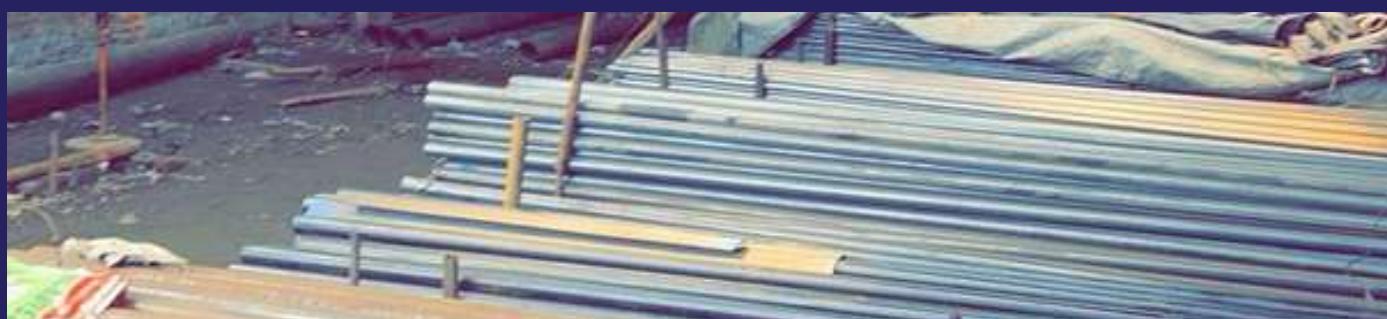
NB	OUTER DIAMETER	WALL THICKNESS	NOMINAL WEIGHT	
			mm	mm
400	406.40	5.2	51.45	19
		5.6	55.35	18
		6.0	59.25	17
		6.4	63.13	16
		7.1	69.92	14
		7.9	77.64	13
		9.5	92.99	11
		10	97.76	10
450	457.00	5.2	57.94	17
		5.6	62.34	16
		6.0	66.73	15
		6.4	71.12	14
		7.1	78.78	13
		7.9	87.50	11
		9.5	104.84	10
		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)**

