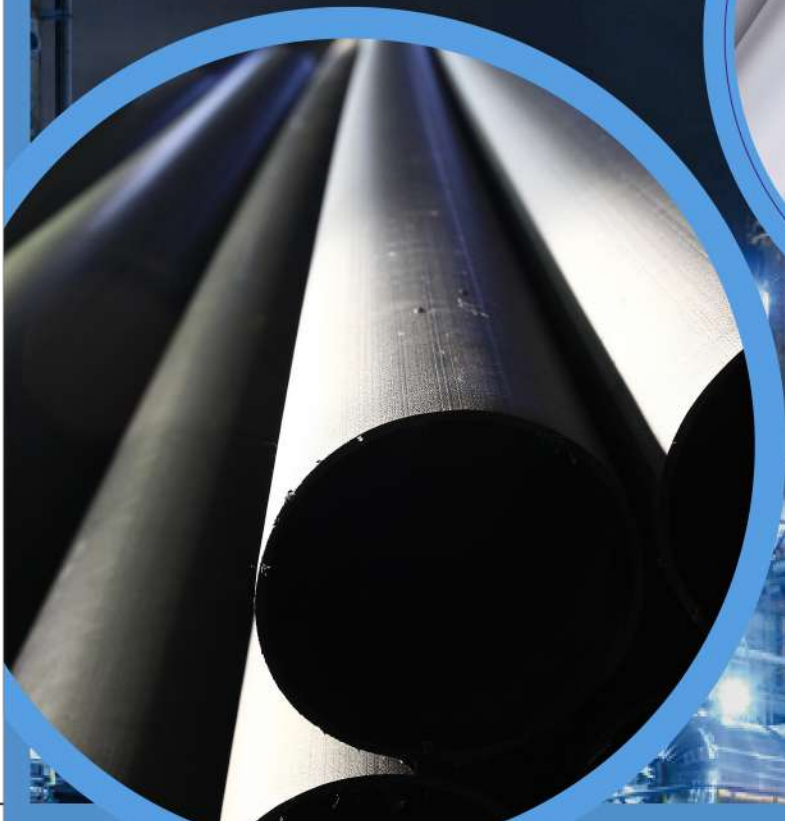




BEYOND WORDS. CONNECT DEEPER:
EXPERIENCE THE FUTURE OF LANGUAGE WITH

KAMAL INTERNATIONAL COMPANY



ABOUT US

KAMAL INTERNATIONAL COMPANY is the leading Authorized supplier and stockiest of Jindal Pipes Ltd, Maharashtra Seamless Ltd, Surya Roshni Ltd, SAIL (Steel Authority of India Ltd), Jindal Saw Ltd, Welspun for MS ERW Pipes, Galvanized ERW Pipes, Seamless Pipes and Spiral Welded Pipes with enviable network of sales offices and warehouses at different locations within the country.

At KAMAL INTERNATIONAL COMPANY, we are the preferred choice for a diverse range of industries, including Sugar Industries, Paper Mills, Chemical Mills, Automobile Industries, Power Plant Manufacturers, Fire Fighting Contractors, Turnkey Contractors, HVAC Contractors, Oil & Gas Industries, Boiler Manufacturers, State Water Department Contractors, and more. Our extensive product portfolio encompasses M.S ERW PIPES, G.I ERW PIPES, Carbon Steel and Alloy Steel SEAMLESS PIPES, ERW Boiler PIPES, Larger Diameter PIPES (H-SAW OIL-SAW), LTCS PIPES, and more, ensuring we meet the piping needs of these industries efficiently and effectively.

We go the extra mile to meet your needs. Our services include galvanizing, 3 LPE & Epoxy coating, CML coating, polyurethane powder coating, guniting, and a comprehensive range of painting solutions adhering to various specifications for all types of pipes. We offer third-party inspections at testing facilities and boast in-house calibrated instruments to ensure quality control. Our specialty lies in providing cost-effective pipe transportation through telescopic nesting of pipes, delivering value at every step.



KAMAL INTERNATIONAL



FIRE FIGHTING

ERW PIPES

Product Range	MS ERW Black Pipes
OD	1/2" to 20" (NB - 15 MM to 500 MM)
Thickness	2.00 MM to 12.70 MM
Specification	<ul style="list-style-type: none"> ❖ IS 1239 ❖ IS 3589 FE 330/410 ❖ IS 1161 YST 210/240/310 ❖ IS 4270 ❖ IS 3183 ❖ ASTM A 53 GR B ❖ API 5L

G.I ERW PIPES

Product Range	GI Pipes
OD	1/2" to 24" (NB - 15 MM to 600 MM)
Thickness	2.00 MM to 25.40 MM THK
Specification	<ul style="list-style-type: none"> ❖ IS 1239 ❖ IS 3589 ❖ IS 1161 YST 210/240/310 ❖ IS 4736 ❖ IS 3183 ❖ ASTM A 53 GR B ❖ API 5L



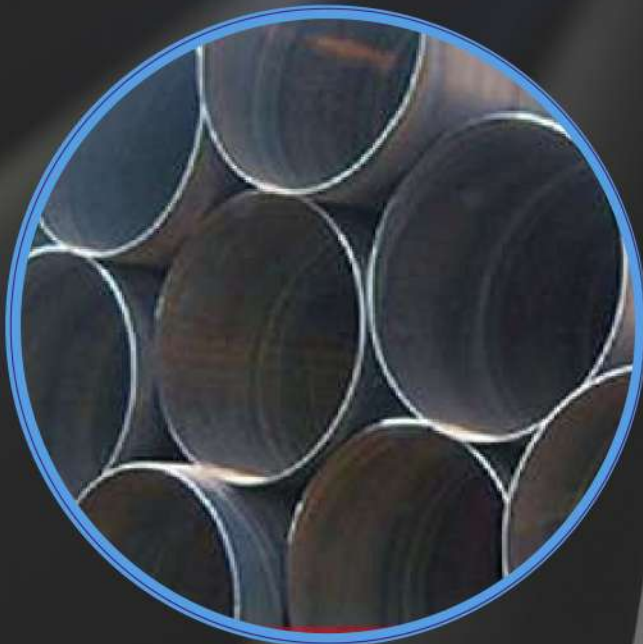
COLD STORAGE APPLICATIONS



STEEL PLANTS

C. S SEAMLESS PIPES

Product Range	Carbon Steel Seamless Pipes & Tubes
OD	21.30 MM to 508 MM or (1/2" to 20").
Thickness	2.77 MM to 40 MM
Specification	<ul style="list-style-type: none"> ❖ ASTM 106 GR B ❖ ASTM A 53 GR B ❖ API 5L



Large Diameter Spiral Welded Pipes

Product Range	Large Diameter Spiral Welded Pipes
OD	20" to 130" (550 MM to 3250 MM)
Thickness	5.00 MM to 25.40 MM
Specification	<ul style="list-style-type: none"> ❖ IS 3589 FE 330/410/450 ❖ API 5L gr upto X 80-PSL2

TRANSPORTATION OF RAW WATER

ERW Boiler & Air Heater Tubes

Product Range	ERW Boiler & Air Heater Tubes
OD	33.4 MM to 355.6 MM or (1" to 14")
Thickness	2.03 MM to 9.52 MM
Specification	<ul style="list-style-type: none"> ❖ BS: 3059 (Pt-I & II)/BS: 6323 (Pt-V)/ ❖ ASTM, A-178/A-214/A-333/A-334 ❖ IS: 1914 (Pt-IV)/ IS: 2416 (Pt-IV)/ ❖ IS: 11714 (Pt-III)



HEAT EXCHANGER



BOILERS

Boiler & Alloy Steel Seamless Pipes & Tubes

Product Range	Boiler & Alloy Steel Seamless Pipes & Tubes
OD	21.30 MM to 508 MM or (1/2" to 20").
Thickness	2.77 MM to 40 MM
Specification	<ul style="list-style-type: none"> ❖ ASTM A 335, P-11/P-22/P-5/P-9/P-91 ❖ ASTM A 213, T-11/T-22/T-5/T-9/T-91



COATING ON PIPES



TELESCOPIC NESTING OF PIPES

Additional Services :-

1. Coating on Pipes

- ❖ 3 LPE COATING :- SIZE 80 NB – 3000 NB as per DIN 30670 specification.
- ❖ Epoxy Coating - Size 100NB to 3000 NB as per AWWA C210/IS:3589 specification.
- ❖ Colour Painting :- Size 15 NB & Above
- ❖ Aluminium Painting :- Size 15 NB & Above
- ❖ Galvanising :- Size 15 NB & Above
- ❖ Blasting - Surface Preparation Copper Slag, Grit, Steel Shot, Manual Wire Grinder
- ❖ Glass Flake Lining -Airless Based Spray Application & CSM Matt Based Putty Application
- ❖ Polyurethane Coating- 3:1 Plural Airless Spray Heat Based as per AWWA C222 Spec
- ❖ Rubber Lining Vulcanisation & Cold Application (Pipes/Tanks etc.)
- ❖ Epoxy Coatings- Airless Based Epoxy application as well as manual application
- ❖ Coal Tar Tape Wrapping - Pipes Manual Tape Wrapping
- ❖ Structure Painting- Air Based Painting on Structures
- ❖ Powder coating

2. Third Party Inspection Agency (TPIA)



3. Telescopic Nesting of pipes

BLACK PIPES FOR WATER, GAS & AIR

Technical Data of Black Pipes

Specification IS:1239 (PART-1):2004 - DIN 2440, DIN 2441

(Equivalent BS:1387:1990/EN-10255:2004*/DIN EN 10240 : 1998)

NB (mm)	Series	Outside Diameter		Wall Thickness		Nominal Weight Black Tubes			
		MIN. (mm)	MAX. (mm)	MM	SWG	Plain End		Screwed & Socketed	
						Kg/M	Mtrs/Ton	Kg/M	Mtrs/Ton
15	Light	21.0	21.4	2.0	14	0.95	1052	0.96	1046
	Medium	21.0	21.8	2.6	12	1.21	826	1.22	820
	Heavy	21.0	21.8	3.2	10	1.44	694	1.45	690
20	Light	26.4	26.9	2.3	13	1.38	725	1.39	719
	Medium	26.5	27.3	2.6	12	1.56	641	1.57	637
	Heavy	26.5	27.3	3.2	10	1.87	535	1.88	532
25	Light	33.2	33.8	2.6	12	1.98	505	2.00	500
	Medium	33.3	34.2	3.2	10	2.41	415	2.43	412
	Heavy	33.3	34.2	4.0	8	2.93	341	2.95	339
32	Light	41.9	42.5	2.6	12	2.54	394	2.57	389
	Medium	42.0	42.9	3.2	10	3.10	322	3.13	319
	Heavy	42.0	42.9	4.0	8	3.79	264	3.82	262
40	Light	47.8	48.4	2.9	11	3.23	310	3.27	306
	Medium	47.8	48.8	3.2	10	3.56	281	3.60	278
	Heavy	47.9	48.8	4.0	8	4.37	229	4.41	227
50	Light	59.6	60.2	2.9	11	4.08	245	4.15	241
	Medium	59.7	60.8	3.6	9	5.03	199	5.10	196
	Heavy	59.7	60.8	4.5	7	6.19	161	6.26	160
65	Light	75.2	76.0	3.2	10	5.74	175	5.83	172
	Medium	75.3	76.6	3.6	9	6.42	156	6.54	153
	Heavy	75.3	76.6	4.5	7	7.93	126	8.05	124
80	Light	87.9	88.7	3.2	10	6.72	149	6.89	145
	Medium	88.0	89.5	4.0	8	8.36	120	8.53	117
	Heavy	88.0	89.5	4.8	6	9.90	101	10.10	96
100	Light	113.0	113.9	3.6	9	9.75	102	10.00	100
	Medium	113.1	115.0	4.5	7	12.20	82	12.50	80
	Heavy	113.1	115.0	5.4	5	14.50	69	14.80	68
125	Medium	138.5	140.8	4.8	6	15.90	63	16.40	61
	Heavy	138.5	140.8	5.4	5	17.90	56	18.40	54
150	Medium	163.9	166.5	4.8	6	18.90	53	19.50	51
	Heavy	163.9	166.5	5.4	5	21.30	47	21.90	46

Tolerances

A) Thickness

1. Light Tubes : +Not limited -8%
2. Medium & Heavy Tubes : +Not limited -10%

B) Weight Light Series

1. Singles Tube : +10% (Light Series) : -8%
2. Medium & Heavy Series Single Tubes : ±10%
3. For quantities per load of 10 tonnes minimum : +7.5%, -5% (Light Series)
4. For quantities per load of 10 tonnes minimum : ±7.5% (Medium & Heavy Series)

C) Length

Normal : 6 mtr +0.05mtr
Random Length 4 to 7 mtrs or as specified by customer

D) Hydro Test

Each pipe is tested for leak proof test.

E) End condition

- Plain End
- Bevel End
- Screwed & socketed
- Screwed without socketed
- As per customer specification

ERW pipes for water & sewage conforming to IS:3589 & water well casing conforming to IS:4270

SIZE		COVENTIONAL MASS PER UNIT LENGTH (Kg/m)																								
NB	OD	Wall Thickness (mm)																								
		3.20	3.60	4.00	4.30	4.65	4.85	5.00	5.20	5.40	5.60	6.00	6.35	6.40	7.00	7.10	8.00	9.50	10.00	10.30	10.50	11.10	11.50	12.00	12.50	12.70
100	114.30	-	-	-	-	-	-	13.48	-	14.50	-	16.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
125	141.30	-	-	-	-	-	-	16.81	-	18.10	-	20.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
150	168.30	13.03	14.62	16.21	17.39	18.77	19.55	20.13	20.91	21.69	-	24.01	25.36	25.55	27.84	28.22	-	-	-	-	-	-	-	-	-	-
175	193.70	-	16.68	18.71	20.08	21.68	22.59	23.27	24.17	25.07	-	27.77	29.34	29.56	32.23	32.67	36.63	-	-	-	-	-	-	-	-	-
200	219.10	-	19.13	21.22	22.78	24.59	25.62	26.40	27.43	28.46	29.48	31.53	33.31	33.57	36.61	37.12	41.65	49.10	51.56	53.03	54.01	56.94	58.87	61.29	63.68	64.64
225.0	244.50	-	-	23.72	25.47	27.50	28.66	29.53	30.69	31.84	32.99	35.29	37.29	37.58	41.00	41.57	46.66	55.05	57.83	59.49	60.59	63.89	66.08	68.80	71.51	72.60
250	273.10	-	23.93	26.54	28.50	30.78	32.08	33.06	34.35	35.65	36.94	39.52	41.77	42.09	45.93	46.57	52.30	61.75	64.88	66.75	68.00	71.72	74.19	77.26	80.33	81.55
300	323.90	-	-	31.55	33.89	36.61	38.16	39.32	40.87	42.41	43.96	47.04	49.73	50.11	54.70	55.47	62.32	73.65	77.41	79.65	81.15	85.62	88.59	92.30	95.99	97.46
350	355.60	-	-	34.68	37.25	40.24	41.95	43.23	44.93	46.63	48.33	51.73	54.69	55.11	60.18	61.02	68.57	81.08	85.22	87.71	89.36	94.30	97.58	101.68	105.76	107.39
400	406.40	-	-	-	-	46.07	48.03	49.49	51.45	53.40	55.35	59.24	62.64	63.13	68.94	69.91	78.60	92.98	97.75	100.61	102.51	108.20	111.99	116.71	121.42	123.30
450	457.00	-	-	-	-	51.87	54.08	55.73	57.94	60.14	62.34	66.73	70.57	71.12	77.68	78.77	88.58	104.84	110.23	113.46	115.61	122.05	126.34	131.68	137.02	139.15
500	508.00	-	-	-	-	57.72	60.18	62.02	64.48	66.93	69.38	74.28	78.55	79.16	86.48	87.70	98.64	116.78	122.81	126.41	128.82	136.01	140.80	146.78	152.74	155.12



CHEMICAL COMPOSITION & MECHANICAL PROPERTIES (ERW)

Table with columns: SPECIFICATION, GRADE, CHEMICAL COMPOSITION (% MAX) (C, MN, P, S, SI), C.E. (PCM, IIV), YIELD STRENGTH (MIN, MAX in PSI, MPA), TENSILE STRENGTH (MIN, MAX in PSI, MPA), 0% ELONGATIONE (MIN), IMPACT. Includes rows for grades like Fe 330, Fe 410, Fe 450, YST-210, YST-240, YST-310, etc.

CHEMICAL COMPOSITION & MECHANICAL PROPERTIES (SEAMLESS PIPES & TUBES)

Table with columns: SPECIFICATION, TYPE, GRADE, CHEMICAL COMPOSITION (%) (C, MN, P, S, SI, CR, MO, CU, NI, V), MECHANICAL PROPERTIES (YIELD STRENGTH, TENSILE STRENGTH), 0% ELONGATIONE (MIN), HYDROLIC TEST PRESSURE, HARDNESS (MAX). Includes rows for grades like E&S A, E&S B, S A, S B, S C, E A, E C, E D, S, S, S, S, T1, T1a, T1b.



Contact Information

Supplier & Partner



CONTACT DETAILS

**B-1322, 2nd FLOOR, SHOP NO.3, MAYUR VIHAR PHASE 3, EAST DELHI,
New Delhi-110096
Phone: +91 8178830273
E-mail :- noida09@gmail.com**