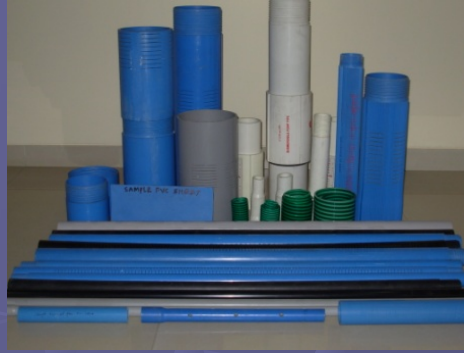
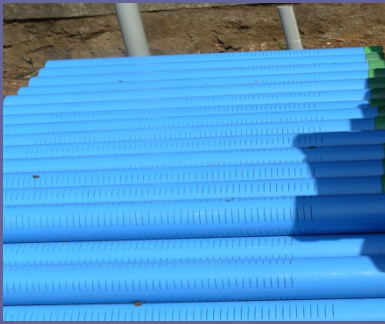


'Lotus' Rigid PVC Pipes (uPVC Pipes)



COMPANY PROFILE: Established with the dedication and ambition to manufacture high quality uPVC Pipes, we “**KAMAL IMPORT AND EXPORTS INC**” have a thirst to excel in this industry. Located just four hours from the main port. We are engaged in manufacturing of all types of ‘**Lotus**’ PVC Pipes ranging from 19 mm to 400 mm diameter.

In short span we have emerged as a multifaceted, well known & professionally managed company & are taking pride in creating a win – win situation for our clients based worldwide by providing them quality products at competitive prices. Our success is attributable to the dedicated staff & workers who never leave any stone unturned to achieve the unachievable.

AREA OF BUSINESS: Our product range includes a host of pipes for application in a wide range such as **Casing Pipes for Water well, Rising Pipes for water wells, H.D.P.E Pipes, Agricultural Pipes, Drain & Sewerage Pipes, Plumbing Pipes** etc. With state of the art extrusion machines & sophisticated technology with extremely stringent quality standards, we manufacture our products as per international standards confirming to **DIN, ASTM, BS, & IS standards**. We have been exporting ‘**LOTUS**’ uPVC Pipes to several countries like UK, Ireland, Tanzania, Ethiopia, Uganda, Namibia, South Africa, Kenya, Australia to name a few.

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Lotus Rigid PVC (Polyvinyl Chloride) pipes are Manufactured strictly conformity to IS 4985 / IS 13592 / IS 12818 standard specifications & others international standards and specifications like British standard, ASTM, DIN etc.. Our products are used by the local water authorities and are known as the top mark for quality. The granting of the top mark confirms that the company's manufacturing, testing and quality control systems complies with the stringent licensing requirements and thus ensures that the products quality is consistently maintained.

Principal Advantages & Salient Features of d PVC Pipes:

- Light-weight & Durability: make easy to transport, handling & installation & storage.
- Higher flow of water/ fluid compared to GI, AC & CI pipes due to smoother internal surface, hence low friction insures low pumping cost.
- Immunity to corrosion, chemical and micro-biological resistance, odorless, resistance to chemical reactions, corrosion
- Economical: Almost maintenance free from rust, scale formations & unharmed by moisture.
- High impact strength and toughness. Life longer.

Applications: 'Lotus' Rigid PVC Pipes are suitable for following usages:

Water well casing and water pipe lines for potable water, hand Pumps.

- Plumbing & sanitary
- Drain, Sewerage, waste & rain water pipes line systems.
- Conduit pipes for Electrification work.
- Industrial, Domestic and Commercial usage in chemical, industrial effluent disposals, water treatment plants
- Many more applications



'Lotus' water well casing pipes: Socketed joints / flush joints with & without Threads and Slots

CM Grade: Suitable for Wells with depth above 80 meters & up to 250 meters :
Size- 40 DN to 315 DN

Nominal Diameter (DN)	Outer Diameter		Outer Diameter over connection	Wall Thickness	
	Min	Max		Min	Max
IN MM	MM	MM	MM	MM	MM
1 1/2 40	48.0	48.2	52.0	3.5	4.0
2 50	60.0	60.2	66.0	4.0	4.6
3 80	88.0	88.3	94.0	4.0	4.6
4 100	113.0	113.3	120.0	5.0	5.7
5 125	140.0	140.4	150.0	6.5	7.3
6 150	165.0	165.4	178.0	7.5	8.5
7 175	200.0	200.5	215.0	8.8	9.8
8 200	225.0	225.5	243.0	10.0	11.2
10 250	280.0	280.5	298.0	12.5	14.0
12 300	330.0	330.6	352.0	14.5	16.20

CS Grade: Suitable for Wells with depth up to 80 meters : Size- 100 DN to 250 DN

Nominal Diameter (DN)	Outer Diameter		Outer Diameter over connection	Wall Thickness	
	Min	Max		Min	Max
IN MM	MM	MM	MM	MM	MM
4 100	113.0	113.3	117.0	4.0	4.4
5 125	140.0	140.4	148.0	4.9	5.4
6 150	165.0	165.4	174.0	5.7	6.5
7 175	200.0	200.5	211.0	7.0	7.8
8 200	225.0	225.5	238.0	7.6	8.8
10 250	280.0	280.5	292.0	9.6	11.0

RIGID PVC (uPVC) CASING PIPES: PLAIN (BLIND) & SCREEN (SLOTTED/ PERFORATED) WITH MALE – FEMALE THREADS & FLSUH JOINTS: As per International Standards

Sr. No.	PIPE SIZE OD	OD in MM		ID in MM		WALL THKNS In MM		LENGTHS AVAILABLE IN METERS
		MIN	MAX	MIN	MAX	MIN	MAX	
1	26	26	26.2	19	19.2	3.5	3.6	1/ 2/ 3 & 6
2	33	33	33.5	24	24.4	4.5	4.7	1/ 2/ 3 & 6
3	48	48	48.2	38	38.2	5	5.4	1/ 2/ 3 & 6
4	60	60	60.3	52	52.3	4	4.4	1/ 2/ 3 & 6
5	88	88	88.3	80	80.4	4	4.4	1/ 2/ 3 & 6
6	113	113	113.3	103	103.5	5	5.6	1/ 2/ 3 & 6
7	125	125	125.4	113	113.4	5.5	5.8	1/ 2/ 3 & 6
8	140	140	140.4	125	125.4	7.5	8.2	1/ 2/ 3 & 6
9	165	165	165.4	150	150.4	7.50	8.5	1/ 2/ 3 & 6
10	200	200	200.5	175	175.5	8.80	9.5	1/ 2/ 3 & 6
11	225	225	225.5	200	200.5	10.0	11.2	1/ 2/ 3 & 6
12	250	250	250.6	225	225.6	11.0	12.5	1/ 2/ 3 & 6
12	280	280	280.6	255	225.6	12.5	13.5	1/ 2/ 3 & 6
14	300	330.0	330.6	275	275.8	15	16.5	1/ 2/ 3 & 6



'Lotus' Submersible Rigid PVC Rising Pipes:

'Lotus' brand heavy duty submersible PVC Rising pipes are manufactured from fine quality of raw material with specially designed Square threads & rubber gasket ensuring 100% leak proof joints. These pipes have very high load carrying capacity and are recommended up to 550 feet depth subject to total load carrying capacity. The mirror smooth inside surface & corrosion resistance property ensures high flow rates and thus brings an end to the problem of deposition normally experienced with GI pipes. Also it results in power savings.

NOMINAL DIAMETER (DN)		OUTER DIAMETER OF PIPE IN MM		OUTER DIAMETER OVER CONNECTION IN MM	WALL THICKNESS IN MM		LOAD CAPACITY (KGS.)
IN	MM	MIN	MAX	MAX	MIN	MAX	MAX
1	25	33.30	33.50	42.00	4.55	5.05	1000
1 ¼	32	42.10	42.30	51.00	4.85	5.40	1500
1 ½	40	48.15	48.40	58.00	5.10	5.65	1700
2	50	60.20	60.45	69.00	5.55	6.20	2100
2 ½	65	75.75	76.05	88.00	7.05	7.85	2700
3	80	88.7	89.10	102.00	7.65	8.50	4000
4	100	114.10	114.50	128.00	8.60	9.55	5700

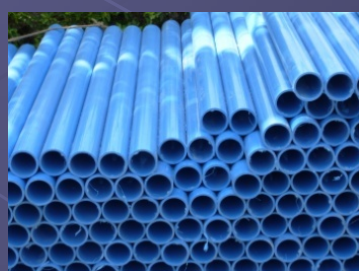


'Lotus' Pressure & Non - Pressure Pipes:

Pressure & Non-pressure pipes are manufactured in accordance with IS: 4985 covering a complete range from 20 mm to 315 mm diameters. They are available in pressure rating of 2.5, 4, 6 & 10 Kgsf/Sq.Cm as defined in IS 4985. The pipes are provided with plain socket & suitable for solvent cement jointing.

The main application is in agriculture, drip irrigation, sprinkler lines, drainage, as well as drinking water distribution lines. However, these can also be used in cable ducting, ventilation pipe lines, slurry lines etc. They are available generally in Grey Colour & nominal length of 6 meters

Dimensions as per IS:4985 – 2000 (All Dimensions in mm)															
Nominal Outside Diameter (Nominal Size)	Mean Outside Diameter		Outside Diameter at Any point		Wall Thickness								Mean Socket Internal Diameter at Mid Point of Socket Length		Minimum Socket Length
					Class 1 0.25 Mpa 2.5 Kg/cm²		Class 2 0.40 Mpa 4 Kg/cm²		Class 3 0.60 Mpa 6 Kg/cm²		Class 5 1.00 Mpa 10 Kg/cm²				
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	
20	20.0	20.3	19.5	20.5	-	-	-	-	-	-	1.1	1.5	20.1	20.3	16.0
25	25.0	25.0	24.5	25.5	-	-	-	-	-	-	1.4	1.8	25.1	25.3	19.0
32	32.0	32.3	31.5	32.5	-	-	-	-	-	-	1.8	2.2	32.1	32.3	22.0
40	40.0	40.3	39.5	40.5	-	-	-	-	1.4	1.8	2.2	2.7	40.1	40.3	26.0
50	50.0	50.3	49.4	50.6	-	-	-	-	1.7	2.1	2.8	3.3	50.1	50.3	31.0
63	63.0	63.3	62.2	63.8	-	-	1.5	1.9	2.2	2.7	3.5	4.1	63.1	63.3	37.5
75	75.0	75.3	74.1	75.9	-	-	1.8	2.2	2.6	3.1	4.2	4.9	75.1	75.3	43.5
90	90.0	90.3	88.9	91.1	1.3	1.7	2.1	2.6	3.1	3.7	5.0	5.7	90.1	90.3	51.0
110	110.0	110.4	108.6	111.4	1.6	2.0	2.5	3.0	3.7	4.3	6.1	7.1	110.1	110.4	61.0
125	125.0	125.4	123.5	126.5	1.8	2.2	2.9	3.4	4.3	5.0	6.9	8.0	125.1	125.4	68.5
140	140.0	140.5	138.3	141.7	2.0	2.4	3.2	3.8	4.8	5.5	7.7	8.9	140.2	140.5	76.0
160	160.0	160.5	158.0	162.0	2.3	2.8	3.7	4.3	5.4	6.2	8.8	10.2	161.2	160.5	86.0
180	180.0	180.6	177.8	182.2	2.6	3.1	4.2	4.9	6.1	7.1	9.9	11.4	180.2	180.5	96.0
200	200.0	200.6	197.6	202.4	2.9	3.4	4.6	5.3	6.8	7.9	11.0	12.7	200.3	200.6	106.0
225	225.0	225.7	222.3	227.7	3.3	3.9	5.2	6.0	7.6	8.8	12.4	14.3	225.4	225.7	118.5
250	250.0	250.8	247.0	253.0	3.6	4.2	5.7	6.5	8.5	9.8	13.8	15.9	250.4	250.8	131.0
280	280.0	280.9	276.6	283.4	4.1	4.8	6.4	7.4	9.5	11.0	15.4	17.8	280.4	280.9	146.0
315	315.0	316.0	311.2	318.8	4.6	5.3	7.2	8.3	10.7	12.4	-	-	315.4	316.0	163.5



'Lotus' Plumbing Pipes : As per ASTM D- 1795

SPECIFICATION OF PLUMBING & BELL FORM PIPES	
Material: uPVC	Length: Available in 3 & 6 Meters.
Colour : Blue & Ivory (Plumbing Pipes only).	Threads: Parallel Pipe - 14 TPI for 15mm (½") & 20 mm (¾") and 11 TPI for 1" & above.
Dimensions: As per Schedule 40, 80 & 120 of ASTM - D - 1785 - 91	Working Temperature: Upto 60° C continuous / Upto 900 C short time (Max. upto 3 Minutes)

RANGE & SIZES OF PLUMBING PIPES - AVAILABILITY									
Type	Sizes								
	15mm 1/2"	20mm 3/4"	25mm 1"	32mm 1.1/4"	40mm 1.1/2"	50mm 2"	65mm 2.1/2"	80mm 3"	100mm 4"
SCH-40	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SCH-80	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SCH-120	Yes	Yes	Yes	Yes	Yes	Yes			

DIMENSIONS OF PLUMBING PIPES (ALL DIMENSIONS IN MM)									
Size		Diameter		WALL THICKNESS					
				Schedule 40		Schedule 80		Schedule 120	
mm	Inch	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
15	1/2	21.24	21.44	2.80	2.90	3.75	3.85	4.30	4.80
20	3/4	26.57	26.77	2.90	3.00	3.90	4.00	4.30	4.80
25	1	33.27	33.53	3.40	3.50	4.55	4.70	5.10	5.70
32	1.1/4	42.03	42.29	3.60	3.70	4.85	4.95	5.50	6.10
40	1.1/2	48.11	48.41	3.70	3.80	5.10	5.25	5.70	6.40
50	2	60.17	60.47	3.90	4.00	5.55	5.70	6.40	7.10
65	2.1/2	75.72	76.08	5.20	5.35	7.00	7.20	7.60	8.50
80	3	88.70	89.10	5.50	5.65	7.60	7.80	8.90	10.00
100	4	114.10	114.5	6.00	6.20	8.55	8.75	11.10	12.40

Note: Schedule 120 pipes are manufactured on request.

'Lotus' Electrical Conduit Pipes & Spiral Flexible PVC Pipes:



Lotus PVC pipes are manufactured as per requirement of clients with regards to special requirements like **Threaded Ends** with all types of thread configurations. We also provide pipes with **Slots (Screen Pipes)** suitable to specifications & requirement of clients. Custom made **End Caps** can also be provided.

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SOURCE OF
ALL SUPPLIES**

MANUFACTURERS, EXPORTERS, IMPORTERS & DISTRIBUTORS OF:

PVC & HDPE PIPES & FITTINGS, VALVES, FLANGES, GASKETS :

FOR APPLICATION IN WATER WELLS, WATER PIPE LINES, SEWAGES, DRAINAGES, INDUSTRIAL AND DOMESTIC USE, IRRIGATION AND ALL TYPES OF GENERAL USAGES

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