



Quality Never Goes Out Of Style

Water Well PVC Casing Pipes





About Us:

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.

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, Israel, Qatar, Ethiopia, Uganda, Namibia, South Africa, Kenya, Angola to name a few.



Infrastructure





PVC Casing Pipes

Lotus Rigid Casing PVC (Polyvinyl Chloride) pipes are Manufactured strictly conformity to IS 4985 / IS 13592 / IS 12818, DIN 4925, 8062 ASTM 1785/F480, BS 3505 standard specifications and other international standards and specifications. 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.

Application

1. Geothermal Heating & Cooling Systems.
2. Water well casing and water pipe lines for potable water, hand Pumps.
3. Plumbing & sanitary.
4. Drain, Sewerage, waste & rain water pipes line systems.
5. Conduit pipes for Electrification work.
6. Industrial, Domestic and Commercial usage in chemical, industrial effluent disposals, water treatment plants
7. Many more applications

***Virgin first grade PVC suspension grade.**

Lotus PVC Casing - 5" as per DIN 4925

Water well casing pipes: Socketed Joints / flush joints with & without Threads and Slots Technical Specifications.

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

SR.NO	SIZE OD	OD in MM		ID in MM		WALL THKNS In MM		LENGTHS AVAILABLE IN METERS
	MM	Mín	Max	Mín	Max	Mín	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
13	280	280	280.6	255	225.6	12.5	13.5	1/2/3 & 6
14	300	300	330.6	275	275.8	15	16.5	1/2/3 & 6

**As per DIN 4925, 8062 ASTM 1785/F480, BS 3505*

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		OD over connect-ion	Wall Thickness	
	Min	Max		Min	Max
IN MM	MM	MM	MM	MM	MM
11/2 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



www.lotuspipes.com



HDPE Pipes

'Lotus' HDPE pipes are Manufactured strictly conformity to IS 4984:1995 standard specifications and other leading international standards and specifications. Our products are used by the local water & other government & private sector 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.

Advantages

1. Light-weight for ease of installation and handling
2. Immunity to corrosion, chemical and micro-biological resistance
3. Flexible
4. High impact strength and toughness
5. Alternative installation techniques possible
6. Our products are examined and tested to ensure to compliance with all the relevant standard specifications.

The specified tests are all carried out in our laboratory. They are as follow:-

1. Appearance, dimensions and ovality
2. Hydrostatic strength at 80° C for 165 hours
3. Hydrostatic strength at 80° C for 1000 hours
4. Oxidation Induction Time (OIT)
5. Melt Flow Rate (MFR)

Salient Features

1. Manufactured as per IS 4984:1995 standards.
2. Pipes are manufactured either in long coils or 6 meter length depending on pipe dimensions and customer requirements.
3. Best quality pipes at most reasonable prices.
4. Pipes that meet your needs.
5. Special customer requirements are accepted.

Sizes Available (Outer Diameters in MM):
20, 25, 32, 40, 50, 63, 75, 90, 110, 125,
140, 160, 180, 200, 225, 250, 280, 315,
355, 400, 450 & 500 mm

Available Material Grades: PE 63, PE 80 & PE 100.

LOTUS HDPE Pipe - Size 160 mm

'Lotus' HDPE Pipes: Technical Specifications and Dimensions for Wall Thickness

A. HIGH DENSITY POLYTHELEN: PIPE DIMENSIONS (GRADE- PE 63)

Nominal Diameter	PN 2.5		PN 4		PN 6		PN 8		PN 10		PN 12.5		PN 16	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	-	-	-	-	-	-	-	-	2.3	2.8	2.8	3.3	3.4	4.0
25	-	-	-	-	-	-	2.3	2.8	2.8	3.3	3.4	4.0	4.2	4.9
32	-	-	-	-	2.3	2.8	3.0	3.5	3.6	4.2	4.4	5.1	5.4	6.2
40	-	-	2.0	2.4	2.8	3.3	3.7	4.3	4.5	5.2	5.5	6.3	6.7	7.6
50	-	-	2.4	2.9	3.5	4.1	4.6	5.3	5.6	6.4	6.8	7.7	8.4	9.5
63	2.0	2.4	3.0	3.5	4.4	5.1	5.8	6.6	7.0	7.9	8.6	9.7	10.5	11.8
75	2.3	2.8	3.6	4.2	5.3	6.1	6.9	7.8	8.4	9.5	10.2	11.5	12.5	14.0
90	2.8	3.3	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2	12.2	13.7	15.0	16.7
110	3.4	4.0	5.3	6.1	7.7	8.7	10.0	11.2	12.3	13.8	14.9	16.6	18.4	20.5
125	3.8	4.4	6.0	6.8	8.8	9.9	11.4	12.8	13.9	15.5	16.9	18.8	20.9	23.2
140	4.3	5.0	6.7	7.6	9.8	11.0	12.8	14.3	15.6	17.4	19.0	21.1	23.4	26.0
160	4.9	5.6	7.7	8.7	11.2	12.6	14.6	16.3	17.8	19.8	21.7	24.1	26.7	29.6
180	5.5	6.3	8.6	9.7	12.6	14.1	16.4	18.3	20.0	22.2	24.4	27.1	30.0	33.2
200	6.1	7.0	9.6	10.8	14.0	15.6	18.2	20.3	22.3	24.8	27.1	30.1	33.4	37.0
225	6.9	7.8	10.8	12.1	15.7	17.5	20.5	22.8	25.0	27.7	30.5	33.8	37.5	41.5
250	7.6	8.6	12.0	13.4	17.5	19.5	22.8	25.3	27.8	30.8	33.8	37.4	41.7	46.1
280	8.5	9.6	13.4	15.0	19.6	21.8	25.5	28.3	31.2	34.6	37.9	41.9	46.7	51.6
315	9.6	10.8	15.0	16.7	22.0	24.4	28.7	31.8	35.0	38.7	42.6	47.1	52.5	58.0
355	10.8	12.1	17.0	18.9	24.8	27.5	32.3	35.8	39.5	43.7	48.0	53.0	59.2	65.4
400	12.2	14.3	19.1	22.2	28.0	32.4	36.4	42.1	44.5	51.4	54.1	62.5	-	-
450	13.7	16.0	21.5	25.9	31.4	36.4	41.0	47.4	50.0	57.7	-	-	-	-
500	15.2	17.7	23.9	27.7	34.9	40.4	45.5	52.6	55.6	64.2	-	-	-	-

B. HIGH DENSITY POLYTHELEN: PIPE DIMENSIONS (GRADE- PE 80)

Nominal Diameter	PN 2.5		PN 4		PN 6		PN 8		PN 10		PN 12.5		PN 16	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	-	-	-	-	-	-	-	-	-	-	2.3	2.8	2.8	3.3
25	-	-	-	-	-	-	2.3	2.8	2.8	3.3	3.5	4.1	-	-
32	-	-	-	-	-	-	2.4	2.9	3.0	3.5	3.6	4.2	4.5	5.2
40	-	-	-	-	2.3	2.8	3.0	3.5	3.7	4.3	4.5	5.2	5.6	6.4
50	-	-	2.3	2.8	2.9	3.4	3.8	4.4	4.6	5.3	5.6	6.4	6.9	7.8
63	-	-	2.5	3.0	3.6	4.2	4.7	5.4	5.8	6.6	7.0	7.9	8.7	9.8
75	-	-	2.9	3.4	4.3	5.0	5.6	6.4	6.9	7.8	8.4	9.5	10.4	11.7
90	2.3	2.8	3.5	4.1	5.1	5.9	6.7	7.6	8.2	9.3	10.0	11.2	12.5	14.0
110	2.7	3.2	4.3	5.0	6.3	7.2	8.2	9.3	10.0	11.2	12.3	13.8	15.2	17.0
125	3.1	3.7	4.9	5.6	7.1	8.1	9.3	10.5	11.4	12.8	13.9	15.5	17.3	19.3
140	3.5	4.1	5.4	6.2	8.0	9.0	10.4	11.7	12.8	14.3	15.6	17.4	19.4	21.6
160	4.0	4.6	6.2	7.1	9.1	10.3	11.9	13.3	14.6	16.3	17.8	19.8	22.1	24.6
180	4.4	5.1	7.0	7.9	10.2	11.5	13.4	15.0	16.4	18.3	20.0	22.2	24.9	27.6
200	4.9	5.6	7.7	8.7	11.4	12.8	14.9	16.6	18.2	20.3	22.3	24.8	27.6	30.6
225	5.5	6.3	8.7	9.8	12.8	14.3	16.7	18.6	20.5	22.8	25.0	27.7	31.1	34.5
250	6.1	7.0	9.7	10.9	14.2	15.9	18.6	20.7	22.8	25.3	27.8	30.8	34.5	38.2
280	6.9	7.8	10.8	12.1	15.9	17.7	20.8	23.1	25.5	28.3	31.2	34.6	38.7	42.8
315	7.7	8.7	12.2	13.7	17.9	19.9	23.4	26.0	28.7	31.8	35.0	38.7	43.5	48.1
355	8.7	9.8	13.7	15.3	20.1	22.4	26.3	29.2	32.3	35.8	39.5	43.7	49.0	54.1
400	9.8	11.5	15.4	18.0	22.7	26.4	29.7	34.4	36.4	42.1	44.5	51.4	55.2	63.7
450	11.0	12.9	17.4	20.3	25.5	29.6	33.4	38.7	41.0	47.4	50.0	57.7	-	-
500	12.2	14.3	19.3	22.4	28.4	32.9	37.1	42.9	45.5	52.6	55.6	64.2	-	-

C. HIGH DENSITY POLYTHELEN: PIPE DIMENSIONS (GRADE- PE 100)

Nominal Diameter	PN 6		PN 8		PN 10		PN 12.5		PN 16	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	-	-	-	-	-	-	-	-	2.3	2.8
25	-	-	-	-	-	-	2.3	2.8	2.9	3.4
32	-	-	-	-	2.4	2.9	2.9	3.4	3.7	4.3
40	-	-	2.4	2.9	3.0	3.5	3.7	4.3	4.6	5.3
50	2.3	2.8	3.0	3.5	3.7	4.3	4.6	5.3	5.7	6.5
63	2.93	3.4	3.8	4.4	4.7	5.4	5.7	6.5	7.1	8.1
75	3.5	4.1	4.5	5.2	5.6	6.4	6.8	7.7	8.5	9.6
90	4.1	4.8	5.4	6.2	6.7	7.6	8.2	9.3	10.2	11.5
110	5.0	5.7	6.6	7.5	8.1	9.2	10.0	11.2	12.4	13.9
125	5.7	6.5	7.5	8.5	9.2	10.4	11.3	12.7	14.1	15.8
140	6.4	7.3	8.4	9.5	10.3	11.6	12.7	14.2	15.8	17.6
160	7.3	8.3	9.6	10.8	11.8	13.2	14.5	16.2	18.1	20.2
180	8.2	9.3	10.8	12.1	13.3	14.9	16.3	18.2	20.3	22.6
200	9.1	10.3	12.0	13.4	14.8	16.5	18.1	20.2	22.6	25.1
225	10.3	11.6	13.5	15.1	16.6	18.5	20.4	22.7	25.4	28.2
250	11.4	12.8	15.0	16.7	18.4	20.5	22.6	25.1	28.2	31.3
280	12.8	14.3	16.8	18.7	20.6	22.9	25.3	28.1	31.6	35.0
315	14.4	16.1	18.9	21.0	23.2	25.8	28.5	31.6	35.5	39.3
355	16.2	18.1	21.2	23.6	26.2	29.1	32.1	35.6	40.0	44.2
400	18.2	21.2	23.9	27.7	29.5	34.2	36.2	41.9	45.1	52.1
450	20.5	23.8	26.9	31.2	33.1	38.3	40.7	47.1	50.8	58.7
500	22.8	26.5	29.6	34.6	36.8	42.6	45.2	52.2	56.4	65.1





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		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

uPVC Plumbing Pipes



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)

	15mm	20mm	25mm	32mm	40mm	50mm	65mm	80mm	100mm
	½"	¾"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	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	Yes	Yes	Yes

DIMENSIONS OF PLUMBING PIPES (ALL DIMENSIONS IN MM)

				WALL THICKNESS					
Size		Diameter		Schedule 40		Schedule 80		Schedule 120	
mm	Inch	Min	Max	Min	Max	Min	Max	Min	Max
15	½	21.24	21.44	2.80	2.90	3.75	3.85	4.30	4.80
20	¾	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	60.17	3.90	4.00	5.55	5.70	6.40	7.10
65	2.1/2	75.72	75.72	5.20	5.35	7.00	7.20	7.60	8.50
80	3	88.70	88.70	5.50	5.65	7.60	7.80	8.90	10.00
100	4	114.10	114.10	6.00	6.20	8.55	8.75	11.10	12.40

Note: Schedule 120 pipes are manufactured on request.



Pre-Pak Well Screen

Sizes: 1"x5ft Schedule 40 with Stainless steel
outer jacket

1-1/2" x 5ft Schedule 40 with Stainless steel outer
jacket

1-1/4" x 5ft Schedule 40 with Stainless steel outer
jacket

2" x 5ft Schedule 40 with Stainless steel outer
jacket

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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Quality Never Goes Out Of Style