



शुद्ध जल हर पल



Rukmini Polytubes Pvt. Ltd.

An ISO 9001 Certified Company

www.rukminipolytubes.com

Pressure Pipes | Threaded Casing Pipes | Casing Screen Pipes
Ribbed Screen Pipes | Conduit Pipes | Plumbing Pipes
Flexible Garden Pipes | Agri Fittings

Company Profile



Rukmini Polytubes, established in the year 2000, is one of the leading manufacturers of lead free uPVC Pressure Pipes, Casing Pipes, Column Pipes, Conduit Pipes, Plumbing Pipes, and Garden Pipes in Haryana.

Just like our products, our administration acts like a strong pioneer to our success. With skilled professionals backed up with the market experts, our team aims to deliver the best services to our customers. The pipes are produced in our Ultra Modern Plants maintaining high quality and meeting the standard certification such as ISI, ASTM, ISO, etc.

Along with the production plants, Rukmini Polytubes also operates a completely equipped in-house laboratory for testing and quality control.

Our company is recognized as one of the leaders in PVC pipe manufacturing and import of PVC resin and chemicals. With the best team and technological advancements, our company aims to revolutionize the market place for such utilities.

Sectors Created to:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Agriculture | <input checked="" type="checkbox"/> Irrigation |
| <input checked="" type="checkbox"/> Borewell | <input checked="" type="checkbox"/> Rainwater Harvesting |
| <input checked="" type="checkbox"/> Construction | <input checked="" type="checkbox"/> Portable Water Supply |
| <input checked="" type="checkbox"/> Wastewater Management | |

To achieve our customer's satisfaction, the company acts continuously on improvising the quality, ease of use, availability and the cost effectiveness of our products.

At Rukmini, we are committed to delivering a series of strong products that can endure the sustenance of any demand. Our goal is to produce unbeatable products, with outstanding qualities that are good for your establishment and also for the environment.

The Best Variety of Products

Our products have a wide range of capabilities for optimum performance in the fields. These products come in multiple sizes and thicknesses that can be easily installed. The easy and flexible set-up of our products gives the option to adjust water flow and direction to suit your needs.

Certified Experience

The company possesses a strong distribution network that has facilitated a prompt and safe delivery system for PVC Products. The company has a well-established association with varied agents that assists in the shipment of products to the set destination and within the stipulated time frame.

To ensure the best production, our ultra-modern plants have embarked on the standard certifications like ISI, ASTM, ISO etc. for our products.

We are committed to achieving customer satisfaction by providing quality products that meet the needs of our customers. Customer satisfaction is the guiding philosophy of our organization.

Achievements in Quality

- ✓ We have installed a multi-facility operation and quality centre for improved production.
- ✓ We are conducting surveys, monitoring customer needs and maintaining the services as per the latest results.
- ✓ We supports environmental protection through recycling of water, rain water harvesting, etc.
- ✓ We shall continue to improve the effectiveness of our quality management system.



Higher Strength &
Durability



Complete Piping
Solution



Unmatched Quality



BIS & ISO
Certified



Leak Proof



Customer Satisfaction



Timely Delivery

uPVC Pressure Pipes

Rukmini Pressure Pipes are manufactured as per the IS 4985 (2000) standard. These pressure pipes are available in sizes ranging from 20mm to 315mm with different pressure classes. Capable of withstanding momentary or prolonged high pressure, our Pressure Pipes render excellent flow properties.



SALIENT FEATURES

Economical

From market price to the installation and maintenance process, Rukmini Pressure Pipes is the best cost effective option.

Durable

Extra strong, long life, low maintenance, and replacement cost.

Easy Laying and Joining

The Pipes are designed in a manner that the components can be assembled end to end very easily.

Excellent Flow Properties

Our design team specifically works to ensure that the material does not restrain the flow.

Free from Toxicity, Odours

uPVC pressure pipes and fittings are non-toxic and odorless. Therefore they are ideal for drinking water.

Light Weight

Very comfortable in handling and transportation because of its light-weight.

Smoothness

25% higher discharge rate than G.I. pipes because of its smoothness.

TECHNICAL PARAMETERS / DIMENSIONS All Dimensions in Millimeters

Nominal Outside Diameter	Mean Outside Diameter		Outside Diameter at any Point		Working Pressure, Mpa											
					Class 1 0.25		Class 2 0.4		Class 3 0.6		Class 4 0.8		Class 5 1.0		Class 6 1.25	
(nom. size)	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	20	20.3	19.5	20.5									1.1	1.5	1.4	1.8
25	25	25	24.5	25.5							1.2	1.6	1.4	1.8	1.7	2.1
32	32	32.3	31.5	32.5							1.5	1.9	1.8	2.2	2.2	2.7
40	40	40.3	39.5	40.5					1.4	1.8	1.8	2.2	2.2	2.7	2.8	3.3
50	50	50.3	49.4	50.6					1.7	2.1	2.3	2.8	2.8	3.3	3.4	4
63	63	63.3	62.2	63			1.5	1.9	2.2	2.7	2.8	3.3	3.5	4.1	4.3	5
75	75	75.3	74.1	75.9			1.8	2.2	2.6	3.1	3.4	4	4.2	4.9	5.1	5.9
90	90	90.3	88.9	91.1	1.3	1.7	2.1	2.6	3.1	3.7	4	4.6	5	5.7	6.1	7.1
110	110	110.4	108.6	111.4	1.6	2	2.5	3	3.7	4.3	4.9	5.6	6.1	7.1	7.5	8.7
125	125	125.4	123.5	126.5	1.8	2.2	2.9	3.4	4.3	5	5.6	6.4	6.9	8	8.5	9.8
140	140	140.5	138.3	141.7	2	2.4	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9	9.5	11
160	160	160.5	158	162	2.3	2.8	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2	10.9	12.6
180	180	180.6	177.8	182.2	2.6	3.1	4.2	4.9	6.1	7.1	8	9.2	9.9	11.4	12.2	14.1
200	200	200.6	197.6	202.4	2.9	3.4	4.6	5.3	6.8	7.9	8.9	10.3	11	12.7	13.6	15.7
225	225	225.7	222.3	227.7	3.3	3.9	5.2	6	7.6	8.8	10	11.5	12.4	14.3	15.3	17.6
250	250	250.8	247	253	3.6	4.2	5.7	6.5	8.5	9.8	11.2	12.9	13.8	15.9	17	19.6
280	280	280.9	276.6	283.4	4.1	4.8	6.4	7.4	9.5	11	12.5	14.4	15.4	17.8	19	21.9
315	315	316	311.2	318.8	4.6	5.3	7.2	8.3	10.7	12.4	14	16.1	17.3	19.9	21.4	24.7

uPVC Threaded Casing & Screen Pipes



SALIENT FEATURES

Economical

The ease of installation of our product reduce the reduce the cost of installation charges.

Durable

Extra strong, long life, low maintenance and low replacement cost.

Leak Proof

With close dimensional tolerance and precise design, these pipes are leak proof.

Excellent Chemical Resistance

Non corrosive; no concern of fungus and rust.

Low Frictional Losses

The smooth construct of the pipes can filter the water, however, the same does not obstruct the fluency of liquid allowing best results.

Quality Water

uPVC does not impart any colour, odour and taste. Thereby, making them perfect for drinking water.

Dimensions of Well Screen Pipes With Ribs (Clause 7.1.1) All dimensions in millimetres

Sl. No.	Nominal Diameter (DN)	Means Outer Diameter of Pipe		Outer Diameter any any Point		Means Outer Diameter Over Connection	Wall Thickness (under Ribs)		Means Outer Diameter Over Connection	Wall Thickness (under Ribs)	
		Min.	Max.	Min.	Max.		RMS			RDS	
						Max.	Min.	Max.	Max.	Min.	Max.
i.	100	117.0	117.3	116.8	117.4	124.0	5.0	5.7	129.0	7.0	7.9
ii.	115	129.0	129.3	128.8	129.4	136.0	5.0	5.7	141.0	7.5	8.5
iii.	125	144.0	144.4	143.7	144.5	154.0	6.5	7.3	156.0	8.0	9.0
iv.	150	169.0	169.4	168.6	169.6	182.0	7.5	8.5	184.0	9.5	10.7
v.	175	204.0	204.5	203.6	204.6	219.0	8.8	9.8	221.0	11.8	13.6
vi.	200	229.0	229.5	228.5	229.8	247.0	10.0	11.2	245.0	13.0	14.8
vii.	250	284.0	284.5	283.4	284.8	302.0	12.5	14.0	309.0	16.0	17.6
viii.	300	334.0	334.6	333.3	335.0	356.0	14.5	16.2	363.0	19.0	21.0

Dimensions of Well Screen Pipes (Plain)

Nominal Dia.		Outside Dia. CM (mm)		SHALLOW WELL PLAIN CASING (CS) Wall Thickness (mm)		MEDIUM WELL PLAIN CASING (CM) Wall Thickness (mm)		DEEP WELL PLAIN CASING (CD) Wall Thickness (mm)	
Inch	mm	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1.25	35	42	42.5	-	-	3.5	4.1	-	-
1.5	40	48	48.2	-	-	3.5	4.1	-	-
2	50	60	60.2	-	-	4.0	4.6	-	-
3	80	88	88.3	-	-	4.0	4.6	-	-
4	100	113	113.3	-	-	5.0	5.7	7.0	7.9
4.5	115	125	125.3	-	-	5.0	5.7	7.5	8.5
5	125	140	140.0	-	-	6.5	7.4	8.0	9.0
6	150	165	165.4	5.7	6.5	7.5	8.5	9.5	10.7
7	175	200	200.5	7.0	7.8	8.8	9.8	11.8	13.6
8	200	225	225.5	7.6	8.8	10.0	11.2	13.0	14.8
10	250	280	280.6	9.6	11.0	12.5	14.0	16.0	17.6
12	300	330	330.6	11.2	13.3	14.5	16.2	19.0	21.0

Plumbing Pipes



Rukmini Plumbing Pipes are made as per worldwide acceptable American Standard, ASTM D1785/89 with its latest amendments under strict quality control system. Proven and renowned for their strength and durability, the exclusive range of Plumbing Pipes is highly resistant to corrosion and abrasion.

These Pipes are threaded to match with GI Pipes & Fittings conforming to IS 1239 (Further, these pipes can be availed in different specifications as per the client's requirement.)

SALIENT FEATURES

100% Lead Free

Non toxic, making it suitable for drinking water. It prevents adverse health affects.

Economical

Cost efficient due to their ease of installation and best market price.

Hygienic & Low Bacterial Growth

Can be used with sensitive material due to its antibacterial surface.

Smooth Surface

Smooth surface keeps frictional losses to minimal.

Durable

Extra strong, longer life, low maintenance and low replacement cost.

Long Lasting & Maintenance Free

The durability of the pipes makes it cost efficient.

Excellent Chemical Resistance

Non corrosive, no complaint of fungus and rust.

TECHNICAL PARAMETERS / DIMENSIONS

Nominal Bore	Outside Diameter	Wall Thickness		Wall Thickness		Wall Thickness	
		Schedule 40		Schedule 80		Schedule 120	
		Min	Max	Min	Max	Min	Max
(In)	mm	mm	mm	mm	mm	mm	mm
0.5	21.34 ± 0.10	2.77	3.28	3.73	4.24	4.32	4.83
0.75	26.67 ± 0.10	2.87	3.38	3.91	4.42	4.32	4.83
1	33.40 ± 0.13	3.38	3.89	4.55	5.08	5.08	5.69
1.25	42.16 ± 0.13	3.56	4.07	4.85	5.43	5.46	6.12
1.5	48.26 ± 0.15	3.68	4.19	5.08	5.69	5.72	6.4
2	60.32 ± 0.15	3.91	4.42	5.54	6.20	6.35	7.11
2.5	73.02 ± 0.18	5.16	5.77	7.01	7.85	7.62	8.53
3	88.90 ± 0.20	5.49	6.15	7.62	8.53	8.89	9.96
4	114.30 ± 0.23	6.02	6.73	8.56	9.58	11.10	12.42

Column Pipes



Rukmini Column Pipes are designed for submersible pumps. The pipes are manufactured in the range of 1" to 4" diameters, with wall thicknesses as per ISI standards. The Pipe is available in white colour with length of 30m.

SALIENT FEATURES

Economical

Cost effective due to its smoothness and easy installation.

Maintenance Free Threading system

Made in a way that the threading system lasts for a long time without any maintenance requirement.

Smooth Surface

Efficient pumping due to smooth surface resulting in energy savings.

Durable

Extra strong, longer life, low maintenance and low replacement cost.

High Load Bearing Strength

Along with the durability and a strong threading system, these pipes are also able to take on heavy weight or prolonged pressures.

Leak Proof

With the close dimensional tolerance and precise design, our pipes are leak proof.

SIZES AND TYPES AVAILABLE :

OD:33mm, NB:25mm (1) :	Light, Medium, Standard
OD:42mm, NB:32mm (1 1/4) :	Light, Medium, Standard, Heavy
OD:48mm, NB:40mm (1 1/2) :	Light, Medium, Standard, Heavy
OD:60mm, NB:50mm (2) :	Light, Medium, Standard, Heavy, Super Heavy
OD:75mm, NB:65mm (2 1/2) :	Medium, Standard, Heavy, Super Heavy, Super Heavy Plus
OD:88mm, NB:80mm (3) :	Medium, Standard, Heavy, Super Heavy
OD:113mm, NB:100mm (4) :	Medium, Standard, Heavy, Super Heavy

Column Pipes

uPVC COLUMN PIPE LOAD & PRESSURE TECHNICAL CHART

Sizes & Types	Ultimate Breaking Load (in Kgs)	Safe Pulling Load With Chain Pully (in Kgs)	Safe Allowable Hydro Static Pressure (KG/CM ²)
OD:33mm, NB:25 mm (1")			
LIGHT	1000	700	15
MEDIUM	1700	1000	21
STANDARD	1800	1300	30
OD:42mm, NB:32 mm (1½")			
LIGHT	1500	1000	15
MEDIUM	1900	1100	21
STANDARD	2600	1500	25
HEAVY	3100	1550	35
OD:48mm, NB:40 mm (1½")			
LIGHT	2000	1200	15
MEDIUM	2500	1400	21
STANDARD	3000	1700	26
HEAVY	4000	2000	35
OD:60mm, NB:50 mm (2")			
LIGHT	2500	1300	11
MEDIUM	2800	1500	13
STANDARD	3800	2100	20
HEAVY	4700	2850	27
SUPER HEAVY	5600	3500	35
OD:75mm, NB:65 mm (2½")			
MEDIUM	3500	1900	10
STANDARD	5000	2700	16
HEAVY	7000	4200	26
SUPER HEAVY	8800	4900	35
SUPER HEAVY PLUS	10000	5600	40
OD:88mm, NB:80 mm (3")			
MEDIUM	5000	2750	11
STANDARD	7000	4000	17
HEAVY	9500	5700	26
SUPER HEAVY	12100	6800	35
OD:113mm, NB:100 mm (4")			
MEDIUM	7500	4100	10
STANDARD	10300	5700	15
HEAVY	16000	9500	26
SUPER HEAVY	20100	11300	35

Garden Pipes



Rukmini Garden Pipes are specially manufactured for gardening and water transportation. These pipes are uniquely designed by the company and ensure the most satisfactory experience.

SALIENT FEATURES

100% Lead Free

Non toxic, making it suitable for drinking water. It prevents adverse health affects.

Economical

Cost effective due to easy installation.

Durable

Specialized for outdoor streams, these pipes are tough and durable.

Light Weight

Very comfortable in handling and transportation because of its light weight.

Long Working Pressure

Can endure longer hours of constant pressure.

Flexible and Easy Storage

Due to its unique packaging, our garden pipes are easy to store.

Leak Proof

Due to close dimensional tolerance and precision design, our pipes are leak proof.

TECHNICAL PARAMETERS / DIMENSIONS

Inner Diameter	
Inch.	MM
1/2"	12
3/4"	19
1"	25
1 1/4"	32
1 1/2"	38

PVC Electrical Conduit Pipes



Rukmini PVC Conduit Pipes meets all the standards as per IS & BIS.
Our pipes are very light, easy to install, fire resistant, economical in terms of cost and possess all the important features.
Our Conduits are subjected to no. of tests to ensure durability & safety.

SALIENT FEATURES

Durable

Extra strong, longer life, low maintenance.

Fire Resistant

High safety against fire caused by short circuit.

Non Conductor of Electricity

Non conductor of electricity, thus prevents shocks.

Easy Wiring

Smooth interior walls help with easy wiring.

Excellent Corrosion Resistance

Non corrosive, no concern of fungus & rust.

Very High Insulation Resistance

Eliminates current leakage in case of exposed wire onnections.

100 % Lead Free

Rukmini Conduit Pipes are environment friendly & causes no pollution.

DIMENSIONS

S.No.	Normal Size (in mm)	Maximum O.D. (in mm)	Minimum O.D. (in mm)	Perf. Standard - Min. ID (mm)		
				Light	Medium	Heavy
1.	20	20	19.70	17.40	16.90	15.80
2.	25	25	24.60	22.10	21.40	20.60
3.	32	32	31.60	28.60	27.80	26.60
4.	40	40	39.60	35.80	35.40	34.40
5.	50	50	49.50	45.10	44.30	43.20

Agri Fittings

The ease of installation of our products is possible because of our specialised fittings. These fittings are made by the injection moulding process.

These fittings can be easily handled and transported. Our customers can choose from different sizes, dimensions and shapes.



Elbow



Tee



End Cap



Reducing Elbow



Offset



Shoe Bend



Reducing Tee



Nahani Trap



P Trap



Reducing Coupler



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