

BROCHURE

**Mazboot Desh
ka Mazboot
Pipe**



About Us



RCC PLASTICS boasts 35 years in PVC pipes and fittings manufacturing. Our premium brand, launched in 2014, ensures standardized and trusted products, aligned with BIS (Bureau of Indian Standard). The 30+ years experienced management propels our products across the country, earning widespread appreciation. Our mission is to provide top-notch products at affordable prices, exemplifying "value for money" with the aid of fully automatic machines to maintain product quality. We invest significantly in innovation, with product design, quality control, and exceptional services to deliver the best client experience. Our comprehensive range addresses diverse needs, from wire protection to water management and drainage solutions.



MISSION:

To provide top notch quality products that meets global standards at impressive prices by strategically researching & innovating our technologies.

VISION :

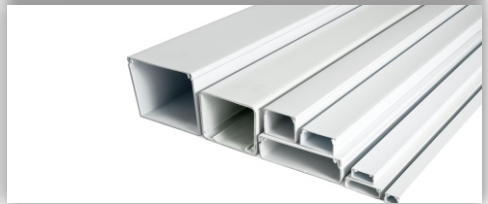
RCC PLASTICS: Pioneers in the national market, building alliances on trust. Confident in our local partners, ensuring global standards. Committed to 100% customer satisfaction through relentless hard work.



uPVC Conduit PIPE



RCC PLASTICS is a leading manufacturer of electrical products for domestic and commercial use. Fire poses a significant threat to life and property in India, with 10,836 deaths in 2017 and a rising trend. Electrical installations are often the primary source of such fires. Our key objective is to produce innovative, eco-friendly products that provide value for money. Our RCC rigid conduit uPVC pipes and accessories meet stringent Indian standards and are made of extra super high impact materials, ensuring their safety in harsh environments. They adhere to IS:9537 Part 3 for uPVC conduit pipes, helping address fire hazards effectively.



CONDUIT Product Range

DIMENSIONS OF CONDUIT PIPES AS PER [IS: 9537 - PART 3]				
Outside Diameter MM	Mechanical Stress	Inside Diameter MM	Thickness In MM	Packing In Pcs
20 MM	Light	17.4 MM	1.15 MM	40 PCS
20 MM	Medium	16.9 MM	1.40 MM	40 PCS
20 MM	Heavy	15.8 MM	1.95 MM	40 PCS
25 MM	Light	22.1 MM	1.25 MM	25 PCS
25 MM	Medium	21.4 MM	1.60 MM	25 PCS
25 MM	Heavy	20.6 MM	1.95 MM	25 PCS
32 MM	Light	28.6 MM	1.50 MM	20 PCS
32 MM	Medium	27.8 MM	1.90 MM	20 PCS
32 MM	Heavy	26.4 MM	2.50 MM	20 PCS
40 MM	Light	35.8 MM	1.90 MM	15 PCS
40 MM	Medium	35.4 MM	2.10 MM	15 PCS
40 MM	Heavy	34.4 MM	2.60 MM	15 PCS
50 MM	Light	45.1 MM	2.20 MM	10 PCS
50 MM	Medium	44.3 MM	2.60 MM	10 PCS
50 MM	Heavy	43.2 MM	3.15 MM	10 PCS



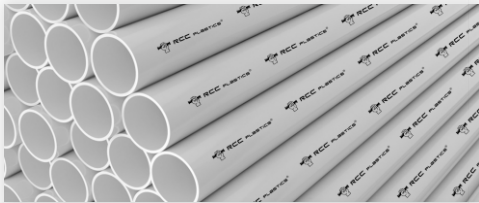
CONDUIT PIPE AND FITTINGS



uPVC Pressure PIPE



RCC PLASTICS offers a huge range of uPVC pressure pipes and fittings. Pressure pipes are manufactured in different pressure classes. These pipes are superior to CI, DI or GI pipes in terms of being light in weight, easy and quick installation and long life which gives you VALUE FOR MONEY.



PRODUCT RANGE TABLE

uPVC PRESSURE PIPE RANGE		
Class	Working Pressure	Size in MM
Class 1	2.5 kgf/cm ²	90MM - 250 MM
Class 2	4 kgf/cm ²	63MM - 250 MM
Class 3	6 kgf/cm ²	40MM - 250 MM
Class 4	8 kgf/cm ²	25MM - 250 MM
Class 5	10 kgf/cm ²	20MM - 250 MM
Class 6	12 kgf/cm ²	20MM - 250 MM

LAB TESTING OF OUR PRODUCT

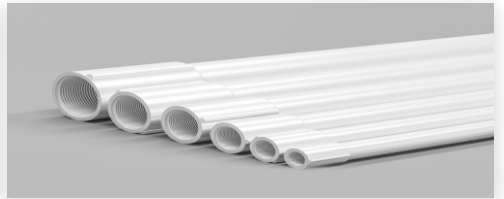
RAW MATERIAL TESTING REPORT
DIMENSION TESTING | STRESS RELIEF TEST
FIRE TESTING | DROP IMPACT TEST
PRESSURE TEST | REVERSION TEST
COLOUR TESTING | EFFECT ON WATER TEST
TEMPERATURE SOFTENING



uPVC Casing pipes. uPVC Column pipes.



RCC casing/column pipes offer superior performance at a lower cost and has become the prime choice of the customers. RCC PLASTICS offers a variety of pipes for bore-well applicaationto cater to every need of bore-well sector. These casing / column pipes are available in 3 meters length with threaded ends for easy installation. There is a huge demand of these casing / column pipes by civil engineers and contractors for drilling and heavily used in government/semi-government departments.



CASING PRODUCT RANGE

DIMENSIONS OF uPVC CASING PIPE AS PER "IS: 12818-2010"					
Size in Inch	DN (mm)	OD (mm)	Thickness (mm)	OD over connection	Pipe length with socket (mm)
1"	35	42.0-42.2	3.5 - 4.0	46	3.04
1.5"	40	48.0-48.2	3.5 - 4.0	52	3.04
2"	50	60.0-60.2	4.0-4.6	64	3.05
3"	80	88.0-88.2	4.0-4.6	94	3.06
4"	100	113.0-113.2	5.0-5.7	120	3.06
4.5"	115	125.0-125.4	5.0-5.7	152	3.07
5"	125	140.0-140.4	6.5-7.3	150	3.08
6"	150	165.0-165.4	7.5-8.3	177	3.08
6.5"	165	180.0-180.5	7.5-8.5	193	3.08
7"	175	200.0-200.5	8.8-9.8	215	3.09
8"	200	225.0-225.5	10.0-11.2	243	3.1
9"	225	250.0-250.5	11.8-12.9	-	3.11
10"	250	280.0-280.5	12.5-14.0	298	3.11



COLUMN PRODUCT RANGE

uPVC COLUMN PIPE SIZE AND RECOMMENDED PUMP SIZE			
Type	Size in inch	Size in MM	Suitable Pump Size
Crystal	1", 1.25", 1.5"	25, 30 and 40	Upto 100mm pump size
Medium	2", 2.5", & 3"	50, 65 and 80	Upto 150mm pump size
	3", 4"	80, 100	Upto 200mm pump size
Standard	1", 1.25", 1.5"	25, 30 and 40	Upto 100mm pump size
	1.25", 1.5", 2" & 2.5"	30, 40, 50 and 65	Upto 150mm pump size
	3", 4"	80, 100	Upto 200mm pump size
Heavy	1.25", 1.5", 2", 2.5" & 3"	30, 40, 50, 65 and 80	Upto 150mm pump size

OUR PARTNERS





A SATISFIED CUSTOMER IS THE BEST
BUSINESS STRATEGY FOR US.



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