

MP Muraj
PLAST PVT. LTD.

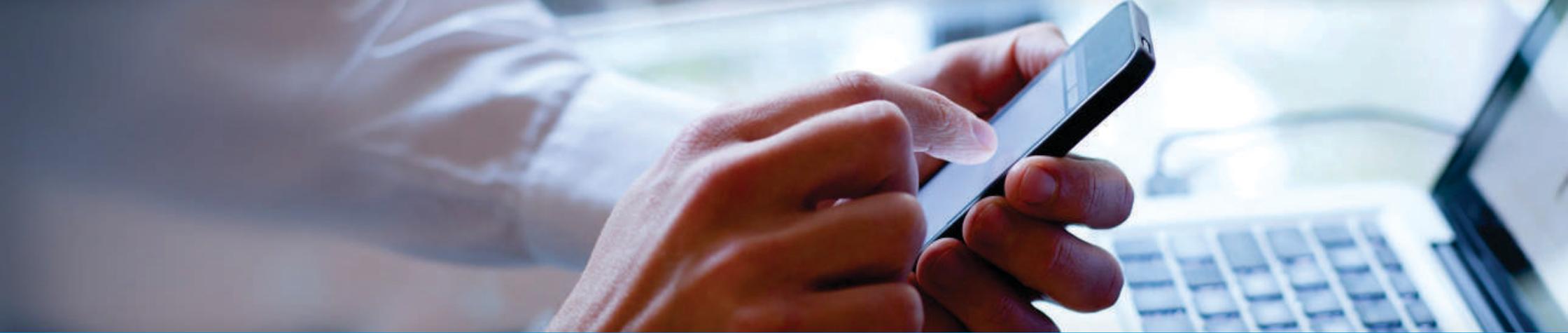
जल ही जीवन है |

HIMALAYA

RIGID PVC PRESSURE PIPES

किसान शक्ति

Pipe with Power



ABOUT US

Muraj Plast Pvt Ltd, incepted in the **year 2009** and Fair Polymers incorporated in the **year 2001** are working as a group meant to offer the top class quality PVC Rigid Pipes, Column Pipe, UPVC Plumbing Pipe, Casing Pipes Fittings. The organization has accomplished the heights of progress under the capable guidance of its Directors, **Mr. Mukesh Singla**, who has **25 years** of vast experience behind him in this field and **Mr. Saksham Singla**. The son is now running on the legacy lead by his father in last 25 years of hard work and dedication to make the business grow and excel at supreme altitudes.

Muraj is manufacturing and supplying these pipes & Fittings all over UP while dealing with the wholesalers in the markets under the brand name of Himalaya and Kisan Shakti.

Our work area is spread over the area of 2500 sq. Ft with a complete plant establishment in the area of 3000 meters which is furnished with most recent and innovatively propelled machines to convey little or more demands with efficiency. We have in-house R&D team and Laboratory so as to make the product according to ISI norms. We are working on an average capacity of 600 tons per month along with a future goal of approximately 1000 tons per monts by the end of next year.

APPLICATION

PLUMBING

Plumbing is any system that conveys fluids for a wide range of applications. Plumbing uses pipes, valves, plumbing fixtures, tanks.

SEWERAGE DRAINAGE

Sewerage pipes are specially designed for underground non-pressure applications like gravity drainage & sewer.

AGRICULTURE

These pipes & fittings are mainly used for water supply in agriculture, drip irrigation & sprinkler lines etc as well as for drinking water distribution.

INDUSTRIAL

Offering a wide range of pipe fittings that includes industrial pipe fittings. Our range is designed as per international quality standards.

PVC RIGID PIPES

SPECIFICATIONS

DIMENSIONS OF UNPLASTICISED PVC RIGID PIPES (All Dimensions in Millimeters)

Nominal Dia (1)	Mean O.D.		O.D. at any Point		Working Pressure, MPA																	
	Min (2)	Max (3)	Min (4)	Max (5)	Avg (6)	Min (7)	Max (8)	Avg (9)	Min (10)	Max (11)	Avg (12)	Min (13)	Max (14)	Avg (15)	Min (16)	Max (17)	Avg (18)	Min (19)	Max (20)	Avg (21)	Min (22)	Max (23)
20	20.0	20.0	19.5	20.5	-	-	-	-	-	-	-	-	-	-	-	-	1.5	1.1	1.5	1.8	1.4	1.8
25	25.0	25.3	24.5	25.5	-	-	-	-	-	-	-	-	-	1.6	1.2	1.6	1.8	1.4	1.8	2.1	1.7	2.1
32	32.0	32.3	31.5	32.5	-	-	-	-	-	-	-	-	-	1.9	1.5	1.9	2.2	1.8	2.2	2.7	2.2	2.7
40	40.0	40.3	39.5	40.5	-	-	-	-	-	-	1.8	1.4	1.8	2.2	1.8	2.2	2.7	2.2	2.7	3.3	2.8	3.3
50	50.0	50.3	49.5	50.6	-	-	-	-	-	-	2.1	1.7	2.1	2.8	2.3	2.8	3.3	2.8	3.3	4.0	3.4	4.0
63	63.0	63.3	62.2	63.8	-	-	-	1.9	1.5	1.9	2.7	2.2	2.7	3.3	2.8	3.3	4.1	3.5	4.1	5.0	4.3	5.0
75	75.0	75.3	74.1	75.9	-	-	-	2.2	1.8	2.2	3.1	2.6	3.1	4.0	3.4	4.0	4.9	4.2	4.9	5.9	5.1	5.9
90	90.0	90.3	88.9	91.1	1.7	1.3	1.7	2.6	2.1	2.6	3.7	3.1	3.7	4.6	4.0	4.6	5.7	5.0	5.7	7.0	6.1	7.1
110	110.0	110.4	108.6	111.4	2.0	1.6	2.0	3.0	2.5	3.0	4.3	3.7	4.3	5.6	4.9	5.6	7.0	6.1	7.1	8.5	7.5	8.7
125	125.0	125.4	123.5	126.5	2.2	1.8	2.2	3.4	2.9	3.4	5.0	4.3	5.0	6.4	5.6	6.4	7.8	6.9	8.0	9.6	8.5	9.8
140	140.0	140.5	138.3	141.7	2.4	2.0	2.4	3.8	3.2	3.8	5.5	4.8	5.5	7.2	6.3	7.3	8.7	7.7	8.9	10.7	9.5	11.0
160	160.0	160.5	158.0	162.0	2.8	2.3	2.8	4.3	3.7	4.3	6.3	5.4	6.2	8.2	7.2	8.3	9.9	8.8	10.2	12.2	10.9	12.6
180	180.0	180.6	177.8	182.2	3.1	2.6	3.1	4.9	4.2	4.9	7.0	6.1	7.1	9.0	8.0	9.0	11.1	9.9	11.4	13.7	12.2	14.1
200	200.0	200.6	197.6	202.4	3.4	2.9	3.4	5.3	4.6	5.3	7.7	6.8	7.9	10.0	8.9	10.3	12.3	11.0	12.7	15.2	13.6	15.7
225	225.0	225.7	222.3	227.7	3.9	3.3	3.9	6.0	5.2	6.0	8.6	7.6	8.8	11.2	10.0	11.5	13.9	12.4	14.3	17.1	15.3	17.6
250	250.0	250.8	247.0	253.0	4.2	3.6	4.2	6.5	5.7	6.5	9.6	8.5	9.8	12.4	11.2	12.9	15.4	13.8	15.9	18.9	17.0	19.6
280	280.0	280.9	276.6	283.4	4.8	4.1	4.8	7.3	6.4	7.4	10.7	9.5	11.0	14.0	12.5	14.4	17.2	15.4	17.8	21.1	19.0	21.9
315	315.0	316.0	311.2	318.8	5.3	4.6	5.3	8.2	7.2	8.3	12.0	10.7	12.4	15.6	14.0	16.1	19.3	17.3	19.9	23.8	21.4	24.7





RANGE OF PIPES:

1. UPVC Pressure Pipes for portable water distribution.
2. UPVC Pressure Pipes for irrigation.
3. UPVC Pressure Pipes for drainage and sewage system.
4. UPVC well casing and screens.
4. UPVC Dewatering pipe.
5. UPVC Conduit and duct pipe for electrical systems.

FEATURES OF UPVC - PIPES:

1. Light Weight
2. Inside bore smooth
3. Co-efficient of flow high
4. Resistant to Corrosion, acids & alkalis
5. No formation of scaling or any incrustation
6. Installation easy & fast
7. Costwise cheaper
8. Life: Min 50 years

COLUMN PIPES

TECHNICAL PARAMETERS

Normal Diameter		O.D Nom	O.D. Over Connection, Max.	Medium(Blue)	Standard(Red)	Heavy(Green)
				Wall Thickness	Wall Thickness	Wall Thickness
				(In m.m.)	(In m.m.)	(In m.m.)
25	1"	33.40	46.00	3.70	5.10	-
32	1 1/4"	42.16	55.00	4.40	5.30	-
38	1 1/2"	48.26	62.00	4.80	5.40	-
50	2"	60.32	79.00	4.90	6.50	8.00
65	2 1/2"	73.02	94.50	5.50	6.80	9.10
80	3"	88.90	114.00	6.00	7.60	10.10
100	4"	114.30	136.50	6.50	8.60	12.20
125	5"	141.00	166.00	-	10.21	-

FEATURES:

1. Corrosion
2. Energy Saving Pipe
3. Smooth Handling
4. Ultimate Izod impact Strength
5. Maximum load carrying capacity
6. 100% Leak proof

SPECIFICATION:

1. Maximum ambient temperature 70 C
2. Maximum installation depth 370m
3. Installation: Vertical, Horizontal or Inclined





APPLICATION:

Water rising for submersible and jet pump for irrigation, domestic, industrial mining chemical distribution. A Wise replacement for MS,ERW,G.I.,HDPE and Stainless Steel column pipes.

UPVC is nearly inert towards corrosion chemical reaction and erosion; due to which, it is ideally used in salty,sandy and chemically aggressive water without any effect over the years.



Nominal Pipe Size in Inches	Outside Diameter in mm		Wall Thickness in mm			
			Schedule 40		Schedule 80	
	Min	Max	Min	Max	Min	Max
1/2"	21.24	21.44	2.77	3.28	3.73	4.24
3/4"	26.57	26.77	2.87	3.38	3.91	4.42
1"	33.27	33.53	3.38	3.89	4.55	5.08
1 1/4"	42.03	42.29	3.56	4.07	4.85	5.43
1 1/2"	48.11	48.41	3.68	4.19	5.08	5.69
2"	60.17	60.47	3.91	4.42	5.54	6.2
2 1/2"	72.84	73.2	5.16	5.77	7.01	7.85
3"	88.7	89.1	5.49	6.15	7.62	8.53
4"	114.07	114.53	5.74	6.42	8.56	9.58

APPLICATION:

Water distribution in village & colonies through tube wells and over head tanks.

For hand pumps.

Transport of chemical & gases in industries.

Transport of milk in dairies.

To provide water connections for bathrooms, kitchen, sinks and laboratories.

Water supply and distribution in complex, houses, flats, office, hotels, hospitals & public places.

SPECIFICATION:

Available in white colour & as per the specific requirement of the customer.

Properties remain unchanged up to temperature 60 C continuous and 90 c for short time.

Tested for potable and drinking water supply.

Remain unaffected to rust, corrosion and any chemical reaction.



SALIENT FEATURES

- Strong and Durable** : UPVC Plumbing Pipes are strong and breakage free
- Better Flow Characteristic** : Have smooth internal surface. Also, these pipes are rust proof, corrosion free and do not allow any deposit formation which implies better flow.
- Safe** : Are Fire resistant and have good electric insulation.
- Energy Saving** : Have smooth internal surface which implies low friction loss hence the power consumption is on the lower side.
- Long Lasting and Maintenance Free:** Are free from breakage and environmental stress, which make it a life time investment.
- Resistant to** : Corrosion & rusting, Chemical formation, Scale formation, biological formation
- Energy Saving** : Have smooth internal surface which implies low frictional loss.Hence the power consumption is on lower side.
- Long Lasting And Maintenance Free:** Are free from breakage and environmental stress,which make it life time investment.
- Economical** : Are very economical as reasonably priced,long lasting and maintenance free.

CASING PIPES

TECHNICAL PARAMETERS

RANGE OF CASING PIPES (All Dimensions In Millimeters)

Nom, Dia(mm/inch)	Outside Dia(mm)	Wall Thickness(mm)	Outside Dia of Socket(mm)
'CM' Casing Pipes (All Dimensions in MM)			
40/1.5"	4.8.0	3.50	52
50/2"	60.0	4.0	64
80/3"	88.0	4.0	94
100/4"	113.0	5.0	120
125/5"	140.0	6.5	150
150/6"	165.0	7.5	177
175/7"	200.0	8.8	215
200/8"	225.0	10.0	243
250/10"	280.0	12.5	298
300/12"	330.0	14.5	351
350/14"	400.0	17.5	428
400/16"	450.0	19.5	478
'CM' Casing Pipes			
150/6"	165	5.7	173
175/7"	200	7.0	212
200/8"	225	7.6	238
250/10"	280	9.6	292
300/12"	330	11.2	346
350/14"	400	14.0	420
400/16"	450	16.0	470



SWR PIPES

FEATURES

1. Strong and Durable.
2. Easy to Handle and Join.
3. Energy Saving.
4. Leak Proof.
5. Resistant to Rust and Corrosion Free.
6. Maintenance Free.
7. Self Colored.
8. Better Strength to Weight Ratio.

APPLICATION:

1. Domestic
2. Industrial
3. Other



FITTINGS



SINGLE 'T'



REDUCING 'T'



SINGLE 'Y' WITH DOOR



REDUCING 'T' WITH DOOR



SINGLE 'T' WITH DOOR



SINGLE 'Y'



NAHANI TRAP



ELBOW



PRODUCT RANGE

- PVC Rigid Pipes
- Column Pipe
- UPVC Plumbing Pipe
- Casing Pipes
- SWR Pipes
- Fittings



जल ही जीवन है |



murajppl@gmail.com



murajppl.com



374,375,376 Ecotech-I, Extension Greater Noida 201308



+91 9811242340, 8860018888, 9650863300