



MIRAJ

CPVC PLUMBING PIPES

8875-000-179
sales.mpfpl@mirajgroup.in

**MIRAJ PIPES & FITTINGS
PVT. LTD.**

OPP GANGOTRI, BADI-THUR
ROAD, FENIYON KA GUDA,
UDAIPUR(RAJASTHAN)

ABOUT US

Founded in 2004, Miraj Pipes & Fittings Pvt. Ltd. has emerged as a prominent supplier of high-quality Industrial Pipes, Industrial Pipe Fittings, and HDPE Sprinklers. Under the effective guidance of Chief Operating Officer Mr. Kailash Chandra Agarwal, the company has attained notable success, establishing itself as a reliable provider of superior products. Committed to delivering excellence, Miraj Pipes & Fittings Pvt. Ltd. continues to excel in the industry by providing dependable solutions to cater to a wide range of industrial requirements.

Our state-of-the-art 6 lakh sq. ft. infrastructure, equipped with cutting-edge machinery, excels in handling orders of all sizes. The in-house research and development facility ensures that our products consistently meet ISI standards.

With 28 dedicated machines, our production capacity reaches an impressive 55,640 metric tons. Our commitment to quality is highlighted by our ISO 9001 certification, covering a diverse product range that includes RIGID PVC pipes, SWR pipes, Elastomeric pipes, CPVC & UPVC plumbing solutions, HDPE pipes, Sprinkler pipes, and more.

PRODUCTION CAPACITY

- UPVC Pipes / CPVC Pipes / SWR Pipes / Plumbing Pipes – 49866 MT
- HDPE Pipe / Sprinkler – 3942 MT
- PVC Fitting – 1832 MT

MIRAJ CPVC PLUMBING PIPE

Miraj CPVC PLUMBING SYSTEMS is made of chlorinated polyvinyl chloride & is manufactured as per specification No IS 15778: 2007 of Bureau of Indian Standards. Chlorinated polyvinyl chloride (CPVC) is a thermoplastic produced by chlorination of polyvinyl chloride (PVC) resin which is significantly more flexible and can withstand higher temperatures than standard PVC.

Product Range :

- Size : ½ “ to 2”(SDR 11 & SDR 13.5)
- Size : 2 -½” to 4”(SCH 40 & SCH 80)

Advantages :

- Quick, easy & aesthetic installation
- No corrosion, leakage, scaling, pitting.
- Tough & Reliable
- Cost Effective
- Low Thermal expansion.
- Fire Retardant.
- Lowest bacterial growth.

Product Specification :

Nominal Size	Size	Nominal Outside Diameter	Mean O.D.		OD at any Point		SDR 11.0		SDR 13.5	
			Min	Max	Min	Max	Wall Thick		Wall Thick	
							Min	Max	Min	Max
15	1/2"	15.9	15.8	16.0	15.8	16.0	1.70	2.20	1.40	1.90
20	3/4"	22.2	22.1	22.3	22.0	22.4	2.00	2.40	1.70	2.20
25	1"	28.6	28.5	28.7	28.4	28.8	2.60	3.10	2.10	2.60
32	1-1/4"	34.9	34.8	35.0	34.7	35.1	3.20	3.70	2.60	3.10
40	1-1/2"	41.3	41.2	41.4	41.1	41.5	3.80	4.30	3.10	3.60
50	2"	54.0	53.9	54.1	53.7	54.3	4.90	5.50	4.00	4.60

Testing :

Sr. No.	Clause	TEST	Unit	Specification
1	8.0	Pipe Ends	-	The end of the pipes meant for solvent cement shall be reasonably square to the axis of pipe or may be chamfered the plain end.
2	9.1	Visual Appearance	-	The colour of the pipe shall be off-white.
	9.1.1			The Internal & External surface of pipe shall be smooth, clean and free from grooving and other defects.
3	9.2	Opacity Test	%	The wall of plain pipe shall not transmit more than 0.2% of the visible light falling on it.
4	9.4	Reversion Test	%	Shall not alter in length by more than 5%
5	9.5	Vicat Softening Temperature	°C	Vicat Softening Temperature of the specimen shall not be less than 110°C
6	9.6	Density Test	Kg/m ³	The Density of pipe shall be between 1450 & 1650
7	10.1 Tab.3	Internal Hydrostatic Pressure (Acceptance Test)	Kg/cm ²	The pipe shall not fail during the prescribed test duration
8	10.3	Resistance to External Blow at 0°C	%	The pipe shall have a true impact rate of not more than 10%
9	10.4	Flattening Test	--	Pipe Shall show no signs of cracking, splitting and breaking
10	10.5	Tensile Strength	MPa	The tensile strength at yield shall not be less than 50 MPa at 27+2°C.