



**MIRAJ**

**SWR PIPE**

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**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 SWR PIPE

We specialize in the production of SWR (Soil, Waste, and Rainwater) Pipes, consistently earning acclaim from clients for their top-notch quality, exceptional durability, and prolonged service life.

Our SWR Pipes, available in diverse sizes, cater to precise needs in residential, commercial, and industrial applications. As a reliable provider, we offer high-quality solutions for efficient soil, waste, and rainwater disposal, making us a trusted choice.

### Product Range :

- Size : (Self Fit) Type A - 40 to 160 mm, Type B ; 40 to 315 mm.
- Size : (Ring Fit) Type A & Type B 75 to 160 mm.

### Advantages :

- Ring socket at one end & plain at another end
- Reliable Leak Proof Joints, no need of Solvent Cement
- Economical, lightweight, easy to handle & install (simple jointing system)
- Can absorb linear expansion and contraction
- Corrosion, Chemical and Biological Resistant

### Product Specification

Nominal Outside Diameter	Mean Outside Diameter		Outside Diameter At Any Point		Wall Thickness Type - A		Wall Thickness Type - B	
	DN	Min	Max	Min	Max	Min	Max	Min
40	40	40.3	39.5	40.5	1.8	2.2	3.2	3.8
50	50	50.3	49.4	50.6	1.8	2.2	3.2	3.8
63	63	63.3	62.2	63.8	1.8	2.2	3.2	3.8
75	75.00	75.30	74.10	75.90	1.8	2.2	3.2	3.8
90	90	90.3	88.9	91.2	1.9	2.3	3.2	3.8
110	110.00	110.40	108.60	111.40	2.2	2.7	3.2	3.8
125	125	125.4	123.5	126.5	2.5	3.0	3.2	3.8
140	140	140.5	138.3	141.7	2.9	3.4	3.6	4.2
160	160	160.5	158	162	3.2	3.8	4.0	4.6
180	180	180.6	177.8	182.2	-	-	4.6	5.5
200	200	200.6	197.6	202.4	-	-	4.9	5.6
250	250	250.8	247	253	-	-	6.2	7.1
315	315	316	311.2	318.8	-	-	7.7	8.7

**Testing :**

Sr. No.	Clause	TEST	Unit	Specification	
				MIN	MAX
1	5	Colour	--	Surface colour of the pipes shall be dark shade of grey.	
6	8.1	Visual Appearance	--	The internal and external surface of the pipes shall be smooth and clean, and free from grooving and other defects. The end shall be clearly cut and shall be square with the axis of the pipe	
7	8.2	Reversion Test	%	Shall not alter in length by more than 5%	
8	8.3	Stress Relief Test	-	The test specimen shall not show blisters, excessive delimitation or cracking or sign of weldline splitting.	
9	8.4	Vicat softening Temperature	°C	Vicat softening Temperature of the specimen shall not be less than 79°C	
10	9.0	Resistance to Sulphuric Acid	-		
11	10.1	Resistance to External blows at 0°C	-	The pipe shall have a true impact rate of not more than 10%	
12	10.3	Axial Shrinkage	%	The axial shrinkage shall not exceed 2%	
13	11.0	Water Tightness of Joint Test	MPa	Apply a pressure of 0.05MPa for a period of 15min & there should be no leakage at any joint	