



MIRAJ

CONDUIT 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 CONDUIT PIPE

Concealed electrical wiring has become the norm of the day in modern construction. For safety and security of the installation, conduit pipes of different strengths are used to encase the wiring and placed in grooves carved on the brick surface, before the walls and ceilings are plastered and cemented.

Since the conduit pipes are inlaid, they should remain intact for the life of the building. In this aspect, a brand that stands out from crowd is MIRAJ ensuring safety from electrical and fire hazards, MIRAJ conduit pipes also stand the test of time against all kinds of weather conditions.

Product Range :

- Range : 16 mm to 63 mm
- Type : Light, Medium & Heavy mechanical Stress

Advantages :

- Non conductor of Electricity & low thermal conductivity.
- Because of the smooth interior surface, wire pulling is so easily done.
- Fire retardant & Corrosion resistant.
- High tensile and impact strengths.

Product Specification :

Outsi de Diam eter	Outsi de Diam eter Min	Toler ance On Outsi de Diam eter	Light Mechanical Stress			Medium Mechanical Stress			Heavy Mechanical Stress			OD of Soc ket in mm	ID of Soc ket in mm	Len gth of Soc ket
			ID of Pipe	Wall Thicknes s		ID of Pipe	Wall Thickness		ID of Pipe	Wall Thickness				
			Min	Min	Max	Min	Min	Max	Min	Min	Max			MIN
16	15.7	-0.3	13.7	1.0 0	1.1 5	13.0	1.3 5	1.50	12.2	1.7 5	1.9 0	20. 1	16. 1 - 16. 3	40.0
20	19.7	-0.3	17.4	1.1 5	1.3 0	16.9	1.4 0	1.55	15.8	1.9 5	2.1 0	24. 5	20. 1 - 20. 3	40.0
25	24.6	-0.4	22.1	1.2 5	1.4 5	21.4	1.6 0	1.80	20.6	2.0 0	2.2 0	29. 8	25. 1 - 25. 4	40.0
32	31.6	-0.4	28.6	1.5 0	1.7 0	27.8	1.9 0	2.10	26.6	2.5 0	2.7 0	37. 8	32. 1 - 32. 4	50.0
40	39.6	-0.4	35.8	1.9 0	2.1 0	35.4	2.1 0	2.30	34.4	2.6 0	2.8 0	46. 1	40. 1 - 40. 5	60.0
50	49.5	-0.5	45.1	2.2 0	2.4 5	44.3	2.6 0	2.85	43.2	3.1 5	3.4 0	57. 3	50. 1 - 50. 5	60.0
63	62.4	-0.6	57.0	2.7 0	3.0 0	-	-	-	-	-	-	69. 6	63. 1 - 63. 6	60.0

Testing :

S. No.	Clause	Test	Unit	Specific requirement
1.	6.1	Marking	---	Each length of the conduits shall be marked preferably at 50 mm, from one end, with the following information: a) Manufacturer's name or trade-mark, if any; b) Nominal size of the conduits; c) Country of manufacture; and d) Information relating to classification as given in 5.1 Marking of conduits shall be repeated in regular intervals not longer than 3mtr., but preferably of 1mtr
2.	6.2	Durability of Marking		Marking shall be durable and legible Marking shall be checked by inspection and by rubbing lightly the marking by band for 15 seconds with a piece of cloth soaked with water and again for 15 seconds with a piece of cloth soaked with petroleum spirit
3.	7.1	Outside Diameters	--	The Outside Diameter of pipe should pass with gauge.
4.	7.2	Inside Diameters	--	The Inside Diameters of pipe should pass with gauge.
5.	7.3	Length of Pipe	Mtr	Min. 3.00
6.	7.4	Uniformity of Wall Thickness	mm	In no case shall the difference between the value measured and the average of the twelve values obtained from the three samples exceed 0.1 mm +10 percent of the average value.
7.	8.0	Construction	--	The inside and the outside surfaces of conduits shall be reasonably smooth and free from burrs, flash and similar defects; in addition, the edges over which the conductors or cables are likely to be drawn shall not damage the cables or conductors
8.	9.2	Bending Test	--	
9.	10.0	Resistance to heat	mm	The diameter of the impression shall not exceed 2.0mm
10.	11.0	Resistance to Burning	Sec.	If the sample burns it shall do so slowly and the flame shall not spread appreciably; any flame shall have died out in less than 30 seconds after removal of the burner