



14885-2001



**MIRAJ**

**GAS PIPE**

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 GAS PIPE

MIRAJ offers a comprehensive range of Polyethylene (PE) Gas pipes, available in sizes up to 315mm, catering to the conveyance and distribution of Natural Gas, Vaporized LPG, and Industrial gases. MIRAJ Gas pipes are designed for easy handling and jointing, resulting in cost reduction.

These pipes feature outstanding attributes ensuring long-term system performance and minimal maintenance costs. Specifically designed for the Industrial and Utility markets, Miraj Gaseous Fuel Supply Pipes provide a reliable, corrosion-free, and leak-proof piping system for the transportation of gaseous fuel, backed by a proven track record of longevity and reliability in gas piping systems.

### Product Range :

- Size : 16 to 315mm diameters
- Range : Available in coil & pipe
- SDR - 17 & 11.

### Advantages :

- Excellent chemical resistance.
- Light weight and flexible.
- Excellent SCGR(Slow crack Growth Resistance) properties.
- Easy handling and joining leading to reduced cost.

### Product Specification :

Outer Dia. mm	Wall Thickness in mm							
	SDR 17		SDR 13.6		SDR 11		SDR 9	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
16.0	-	-	2.3	2.7	3.0	3.4	3.0	3.4
20.0	-	-	2.3	2.7	3.0	3.4	3.0	3.4
25.0	-	-	2.3	2.7	3.0	3.4	3.0	3.4
32.0	2.3	2.7	2.3	2.7	3.0	3.4	3.6	4.1
40.0	2.4	2.8	3.0	3.4	3.7	4.2	4.5	5.1
50.0	3.0	3.4	3.7	4.2	4.6	5.2	5.6	6.3
63.0	3.8	4.3	4.7	5.3	5.8	6.5	7.1	8.0
75.0	4.5	5.1	5.5	6.2	6.8	7.6	8.4	9.4
90.0	5.4	6.1	6.6	7.4	8.2	9.2	10.1	11.3
110.0	6.6	7.4	8.1	9.1	10.0	11.2	12.3	13.7
125.0	7.4	8.3	9.2	10.3	11.4	12.7	14.0	15.5
140.0	8.3	9.3	10.3	11.5	12.7	14.1	15.7	17.2
160.0	9.5	10.6	11.8	13.1	14.6	16.2	17.9	19.8
180.0	10.7	11.9	13.3	14.8	16.4	18.2	20.1	22.3
200.0	11.9	13.2	14.7	16.3	18.2	20.2	22.4	24.8
225.0	13.4	14.9	16.6	18.4	20.5	22.7	25.1	27.8
250.0	14.8	16.4	18.4	20.4	22.7	25.1	27.9	30.8
280.0	16.6	18.4	20.6	22.8	25.4	28.1	31.3	34.6
315.0	18.7	20.7	23.2	25.7	28.6	31.6	35.2	38.9

**Testing :**

TESTS	UNIT	SPECIFICATION
MELT FLOW RATE	GM/10MIN	0.2 - 1.40
DENSITY	KG/M3	≥ 930
OXIDATION INDUCTION TIME	MINUTE	MIN. 20
TENSILE STRENGTH AT YIELD	MPa	Min. 15.0
ELONGATION AT BREAK	%	MIN. 350
SQUEEZE OFF	-	SATISFACTORY
REVERSION	%	Max. 3.0
PRESSURE TEST	KG/CM2	20°C / 100 Hrs
PRESSURE TEST	KG/CM2	80°C / 1000 Hrs
PRESSURE TEST FOR NOTCH PIPE	KG/CM2	80°C / 165 Hrs
RESISTANCE TO WEATHERING	-	SATISFACTORY
SLOW CRACK GROWTH RATE TEST	-	SATISFACTORY