



# SFMC

PIPES & FITTINGS

An ISO 9001:2000 Certified Co.

## LEAD FREE HIGH PRESSURE uPVC PIPES & FITTINGS



SFMC, In Touch with Tomorrow...



An ISO 9001 : 2000 Certified Company

These pipes are manufacture as per ASTM D-1785 standard and fittings are made as per ASTM D-2466, which are available in SCH 40 and 80 pressure class. These pipes are generally used for plumbing, water supply and jet pumps. ASTM threaded pipes are 30-40% cheaper to G.I. pipes. These pipes are very easy to install and functionally most suitable for plumbing application like terrace looping, down-take and up-take lines in building industry.

		Schedule 40			Schedule 80		
Nominal Bore	Outside Diameter	Wall thickness	Working Pressure		Wall thickness	Working Pressure	
(inch)	(D) (mm)	(t) (mm)	Mpa	psi	(t)(mm)	Mpa	psi
½	21.34 ± 0.10	2.77 + 0.51	2.07	300	3.73 + 0.51	2.90	420
¾	26.67 ± 0.10	2.87 + 0.51	1.65	240	3.91 + 0.51	2.34	340
1	33.40 ± 0.13	3.38 + 0.51	1.55	225	4.55 + 0.53	2.21	320
1¼	42.16 ± 0.13	3.56 + 0.51	1.27	185	4.85 + 0.58	2.79	260
1½	48.26 ± 0.15	3.68 + 0.51	1.17	165	5.08 + 0.61	1.65	240
2	60.32 ± 0.15	3.91 + 0.51	0.96	140	5.54 + 0.66	1.38	200
½	75.20 ± 0.15	5.16 + 0.61	1.03	150	7.01 + 0.48	1.45	210
3	88.90 ± 0.20	5.49 + 0.66	0.89	130	7.69 + 0.91	1.31	190
4	114.30 ± 0.23	6.02 + 0.71	0.76	110	8.56 + 1.02	1.10	160
5	141.30 ± 0.25	6.55 + 0.79	0.65	90	9.52 + 1.04	0.97	120
6	168.28 ± 0.28	7.11 + 0.86	0.65	90	10.97 + 1.32	0.97	120

ASTM Pipes are produced strictly as per ASTM D 1785 and they offer the following advantages over conventional pipes like cement and cast pipes.

## FEAUTES AND ADVANTAGES

- ASTM pipes are lighter in weight & easy for installation.
- Non-corroisive, Non-toxic & Chemical resistant in nature.
- Uniform pipe dimensions & threading with smooth inner diameter.
- ASTM pipe diameters are equivalent to GI pipe & fittings.
- Better resistance of water hammer & Surge pressure.
- ASTM pipes are good strength and better quality ensuring durability. These pipes are priced at affordable rates.

## SALIENT FEATURES

- Safe for drinking water supply system.
- Light in weight, easy to handle and install.
- Rust and leak proof and have high resistance to heat, fire etc.
- Economical- compared to G.I. pipes and pipes of other companies.

## DIMENSIONS OF PLUMBING PIPES (AS PER IS : 4985 - 2000)

Nominal Bore	Tolerance on Outside Diameter	Class 1 2.5kgf/cm2		Class 2 4kgf/cm2		Class 3 6kgf/cm2		Class 4 8kgf/cm2		Class 5 10kgf/cm2		Class 6 12kgf/cm2		Plumbing Pipes	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	+ 0.3	-	-	-	-	-	-	-	-	1.1	1.5	1.4	1.8	2.8	3.3
25	+ 0.3	-	-	-	-	-	-	1.2	1.6	1.4	1.8	1.7	2.1	2.9	3.4
32	+ 0.3	-	-	-	-	-	-	1.5	1.9	1.8	2.2	2.2	2.7	3.4	3.9
40	+ 0.3	-	-	-	-	1.4	1.8	1.8	2.2	2.2	2.7	2.8	3.3	3.6	4.2
50	+ 0.3	-	-	-	-	1.7	2.1	2.3	2.8	2.8	3.3	3.4	4.0	4.7	4.3

## SFMC GROUP COMPANIES

Savoir-Faire Manufacturing Co. Pvt. Ltd.  
 Shivaye Namah Manufacturing Co. Pvt. Ltd.  
 Sarovaram Industries LLP  
 Safe Industries  
 Mangalam Industries

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 Dehradun, Gwalior, Indore,  
 Zirakpur, Pune, Bangalore,  
 Hyderabad, Pune,  
 Bhubneshwar, Kolkata, Jaipur,  
 Patna

### WORKS

Haridwar (Uttrakhand)  
 Gwalior (Madhey Pradesh)  
 Dehradun (Uttrakhand) - Unit - I  
 Dehradun (Uttrakhand) - Unit - II  
 Nepal