



EASYFIT[®]

UPVC Plumbing Systems

— Easy Installation Piping Systems —

- Pipes - Schedule 40 & 80 - As per ASTM D - 1785 (Plain Ended).
- Fittings - Schedule 40 as per ASTM D - 2466; Schedule 80 as per ASTM D - 2467.



*ZERO DEFECT MANUFACTURING PROCESS

Product range:

Pipes - 1/2" to 6" and Fittings - 1/2" to 4"

Standard:

- Pipes - Schedule 40 & 80 - As per ASTM D - 1785 (Plain Ended).
- Fittings - Schedule 40 as per ASTM D - 2466; Schedule 80 as per ASTM D - 2467.



Applications: (up to 60°C only)

- Indoor and outdoor use for cold water application.
- Residential complexes, commercial buildings, public utilities.
- Swimming pools, RO and DM water plants.

Note:

- 1) Not for use with compressed air and gases.
- 2) Pressure rating of UPVC pipes & fittings is temperature related. Derating factor shall be applied during designing & operation for higher temperature application. For detailed data refer IS 4985 or contact us.
- 3) Installation of UPVC pipelines shall be done in accordance with IS 7634 (Part - 3).
- 4) Flow velocity in the pipeline shall not be greater than 1.5 meter/sec.
- 5) For threaded pipes & fittings the working pressure at 23°C shall be considered as 50% of normal.
- 6) Do not use UPVC pipes & fittings for pneumatic application.



Jointing method:

Solvent joint & Threaded joint



Major advantages:

1. Lead-free material ensures **safe drinking water**.
2. Exceptional all-weather corrosion resistance ensures constant flow over lifetime.
3. Light weight but strong.
4. Self-extinguishing. Does not support combustion.
5. Increases impact resistance, ensures high quality performance for lower temperatures.
6. Fast and easy installation. Saves labour.

Extensively used in:



Dimension & Working pressure for Pipes (Solvent Weld) at 23° C

Nominal Bore (Inch)	Outside Diameter Kg/cm ²	Schedule 40		Schedule 80	
		Wall Thickness (mm)	Working Pressure Kg/cm ²	Wall Thickness (mm)	Working Pressure Kg/cm ²
1/2"	21.34 ±0.10	2.77 + 0.51	42.20	3.73 + 0.51	59.75
3/4"	26.67 ±0.10	2.87 + 0.51	33.75	3.91 + 0.51	48.50
1"	33.40 ±0.13	3.38 + 0.51	31.60	4.55 + 0.53	44.25
1 1/4"	42.16 ±0.13	3.56 + 0.51	26.00	4.85 + 0.58	36.60
1 1/2"	48.26 ±0.15	3.68 + 0.51	23.25	5.08 + 0.61	33.00
2"	60.32 ±0.15	3.91 + 0.51	19.65	5.54 + 0.66	28.10
2 1/2"	73.02 ±0.18	5.16 + 0.61	21.10	7.01 + 0.84	29.55
3"	88.90 ±0.20	5.49 + 0.66	18.25	7.62 + 0.91	26.00
4"	114.30 ±0.23	6.02 + 0.71	15.50	8.56 + 1.02	22.50
6"	168.28 ±0.28	7.11 + 0.86	7.60	10.97 + 1.32	11.70

Working pressure for Fittings (Solvent Weld) at 23° C

Nominal Bore (Inch)	Schedule 40	Schedule 80
	Working Pressure Kg/cm ²	Working Pressure Kg/cm ²
1/2"	25.30	35.85
3/4"	20.25	29.10
1"	18.95	26.55
1 1/4"	15.60	21.95
1 1/2"	13.95	19.80
2"	11.75	16.85
2 1/2"	--	17.70
3"	--	15.60
4"	--	13.50

Working pressure for Metal Insert Fittings is 15Kg/Cm²

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