

uPVC PLUMBING PIPES & FITTINGS

'Kelvin' uPVC Plumbing pipes and fittings are manufactured as per ASTM (American Society for Testing of Material) standards. Pipes are manufactured as per ASTM D-1785 and fittings are manufactured as per ASTM D-2467 (SCH-80 fittings). We manufacture pipe from 1/2" to 2" and also manufacture wide variety of injection molded fittings.



SALIENT FEATURES

- Lighter than galvanized pipe hence it is easy to transport, handle and install
- Good mechanical properties like high impact resistant and tensile strength
- Excellent resistant to corrosion and chemicals
- Weather Resistant
- Very Smooth inner surface hence low frictional loss
- Non toxic and prevents bacterial growth therefore can be used for carrying drinking water
- Self-extinguishing
- Fast and easy installation
- Leak proof joints hence maintenance free and reducing the total ownership cost

APPLICATIONS

- It is used in individual residential buildings, large residential complex or multistory apartment and commercial building for cold water supply
- Portable water supply in commercial buildings, residential homes and public places.
- It can also be used in swimming pools, RO plants and DM plants.
- Industrial Applications like milk dairies, chemical and gas plants, sugar and paper plant, coal washing and ash handling.

Technical Details of uPVC Threadless Pipes

Dimension and water pressure rating at 23 C for threadless plumbing pipes as per ASTM D-1785

Nominal Size (inch)	Nominal Outside Diameter		SCHEDULE - 40				SCHEDULE - 80			
			Thickness (mm)		Max. Water Pressure Rating		Thickness (mm)		Max. Water Pressure Rating	
	Min.	Max.	Min.	Max.	psi	kg/cm ²	Min.	Max.	psi	kg/cm ²
1/2	21.24	21.44	2.77	3.28	600	42	3.73	4.24	850	60
3/4	26.57	26.77	2.87	3.38	480	34	3.91	4.42	690	48
1.0	33.27	33.53	3.38	3.89	450	32	4.55	5.08	630	44
1 1/4	42.03	42.29	3.56	4.07	370	26	4.85	5.43	520	36
1 1/2	48.11	48.41	3.68	4.19	330	23	5.08	5.69	470	33
2.0	60.17	60.47	3.91	4.42	280	20	5.54	6.2	400	28

All Technical Specifications are Subject to change without prior notice.

FOR SAFE AND SECURE JOINTS WE RECOMMEND "KELVIN" uPVC SOLVENT CEMENT

APPLICATION

Regular solvent Cement in normal condition.

AVAILABLE IN VARIOUS SIZES

REGULAR SOLVENT
CEMENT CAN

29.5 ml 118 ml
59 ml 237 ml

PREMIUM QUALITY PIPES & FITTINGS

KELVIN
THE PIPING EXPERT



KELVIN PLASTIC PRIVATE LIMITED

FACTORY

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