

❖ Vinyl Plumbing Pipes (As per IS: D-1784 ASTM Standard)



Vinyl ASTM Plumbing pipes offer, system for water distribution applications to residential as well as commercial premises for safe drinking water

ADVANTAGE OF VINYL PLUMBING PIPES

- Low thermal conductivity
- Non rusting & corrosion proof.
- Leak proof joints & rust proof bore.
- Cost effective easy handling, installation & replacement.
- High resistance to acids, alkaline salt solution, alcohol etc.
- Non-Toxic, smooth inner surface ensure low frictional loss & high flow rate.

INSTALLATION

- Installation can be concealed
- Support the pipe line at proper intervals using pipe clips
- Installation can be done above Ground level inside brick wall
- Conceal line should be checked for leakage before concealing / plastering

JOINTING

- Vinyl plumbing pipes can be jointed with metal fittings, plastic fittings & use of teflone tapes are recommended to avoid leakage.

PRODUCT RANGE

- Vinyl plumbing pipes as per ASTM : D-1785 & thread as per IS 554 are available in 3 types of plumbing pipes i.e. schedule 40, 80 & 120 and in sizes from ½" to 4" dia

DIMENSIONS OF ASTM HEAVY PRESSURE PIPES AT 23 °C

SIZE (inches)	MEAN O.D (mm)	SCHEDULE 40			SCHEDULE 80		
		Wall Thickness (mm)		Pressure Rating (Mpa)	Wall Thickness (mm)		Pressure Rating (Mpa)
		Min	Max		Min	Max	
½	21.24	2.77	3.28	4.14	3.73	4.24	5.86
¾	26.57	2.87	3.38	3.31	3.91	4.42	4.76
1	33.27	3.38	3.89	3.10	4.55	5.08	4.34
1¼	42.03	3.56	4.07	2.55	4.85	5.43	3.59
1½	48.11	3.68	4.19	2.28	5.08	5.69	3.24
2	60.17	3.91	4.42	1.93	5.54	6.20	2.76
2½	75.30	5.16	5.77	2.07	7.01	7.85	2.90
3	88.70	5.49	6.15	1.79	7.62	8.53	2.55
4	114.07	6.02	6.73	1.52	8.56	9.58	2.21