

DUTRON®

Hiflo
uPVC SOLVENT WELD
PLUMBING SYSTEM

A Complete Plumbing Solution for NEXT GENERATION



UV Stabilized

Salient Features

DUTRON Hiflo uPVC (White) high pressure water distribution plumbing system is manufactured from high-tech state-of-the art machineries and quality tested from their well equipped Lab, to ensure superior quality plumbing system to their valued customers.

DUTRON Hiflo understands the need for a perfect, durable and safe piping system for plumbing purpose and their experience in making plastic pipes and fittings for last four decades, their continuous research & development in introducing new plastic piping system. The Pipes & Fittings meet international standards which makes **DUTRON Hiflo white uPVC Pipes & fittings** a perfect plumbing system.

- uPVC white plumbing pipes are available in schedule 40 & 80 as per ASTM D1785
- All fittings are in schedule 80 as per ASTM D2467
- Easy jointing by solvent cement
- Non corrosive, thus more service life
- No scaling or deposition inside due to smooth surface, thus no reduction in inner bore size, means high flow rates at low friction losses throughout its service life.
- Excellent tensile and impact strength
- Ideal for outdoor application being UV Stabilized

Dimensional Specifications

Dimensions and water pressure rating at 23°C for unthreaded pipes as per ASTM D-1785 (PVC Compound grade equivalent to PVC 1120/2120)

Nominal Bore		Mean Outside Diameter (mm)		PVC SCHEDULE 40			PVC SCHEDULE 80		
				Wall Thickness		Working Pressure at 23°C	Wall Thickness		Working Pressure at 23°C
inch	mm	min.	max.	min.	max.	Kg/cm ²	min.	max.	Kg/cm ²
1/2	15	21.2	21.5	2.8	3.3	41.4	3.7	4.2	58.6
3/4	20	26.6	26.8	2.9	3.4	33.1	3.9	4.4	47.6
1	25	33.3	33.6	3.4	3.9	31.1	4.6	5.0	43.4
1 1/4	32	42.0	42.3	3.6	4.1	25.5	4.9	5.4	35.9
1 1/2	40	48.1	48.4	3.7	4.2	22.8	5.1	5.7	32.4
2	50	60.2	60.6	3.9	4.4	19.3	5.5	6.2	27.6
2 1/2	65	72.8	73.2	5.2	5.8	20.7	7.0	7.8	29.0
3	75	88.7	89.1	5.5	6.1	17.9	7.6	8.5	25.5
4	100	114.1	114.5	6.0	6.7	15.2	8.6	9.6	22.1
6	150	168.3	168.5	7.1	7.9	12.4	11.0	12.3	19.3



Consumption of Solvent Cement

Pipe Size	inch	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"	6"
	mm	15	20	25	32	40	50	80	100	150
No of Joints	Ltr.	274	169	148	106	74	42	32	21	6



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