

**LEAD FREE PIPES,
HARM FREE WATER**



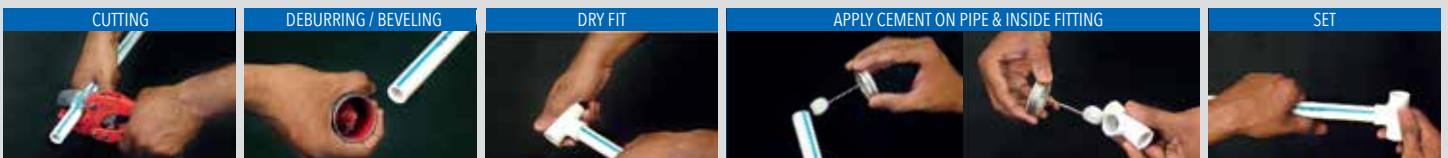
uPVC PLUMBING SYSTEM FOR OUTER LOOP LINES

ASTRAL Aquarius® uPVC pipes being lead free are non-toxic and hence favoured for use in applications such as potable water pipes. ASTRAL Aquarius® uPVC Plumbing system utilizes NSF (National Sanitation Foundation) approved one-step solvent cement, specifically formulated for the use. Joining is accomplished quickly and efficiently utilizing inexpensive tools thereby greatly reducing labor and installation costs.

uPVC PIPES & FITTINGS



JOINING METHOD :



Note: For sizes above 50 mm (2") use IPS P70 primer before applying solvent cement. The purpose of a primer is to penetrate and soften the surfaces so they can stick together. The proper use of a primer ensures that the surfaces are prepared for fusion in a wide variety of weather conditions.

FIELD OF APPLICATIONS :

- Cold Water Plumbing Application
- Swimming Pools
- Sugar, Paper & Distillery Industries
- Coal Washing & Ash Handling
- Water Distribution Mains
- Plants & Tanning Plants
- Salt Water Line
- Ring Lines
- Industrial Process Lines
- Hand Pumps
- Aggressive Corrosive Fluid Transportation
- Down Take Lines

Nom. Size	(inch)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	6"	8"	10"	12"
	(mm)	15	20	25	32	40	50	65	80	100	150	200	250	300

PRESSURE RATING @ 23°C for uPVC SCHEDULE 40 PIPING SYSTEM

Pipe	(kg/cm ²)	42.19	33.75	31.64	26.01	23.20	19.69	21.09	18.28	15.47	12.66	11.25	9.84	9.14
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PRESSURE RATING @ 23°C for uPVC SCHEDULE 80 PIPING SYSTEM

Pipe	(kg/cm ²)	59.76	48.51	44.29	36.56	33.04	28.12	29.53	26.01	22.50	19.69	17.57	16.17	16.17
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- Notes :
- 1 - Water pressure Ratings @ 73°F (23°C) for Schedule 40 and Schedule 80 Plastic Pipe, ASTM D 1785 for PVC.
 - 2 - Threading of Schedule 40 plastic pipe is not permitted. Recommended pressures apply to molded fittings only.
 - 3 - Not For Use With Compressed Air or Gas.



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