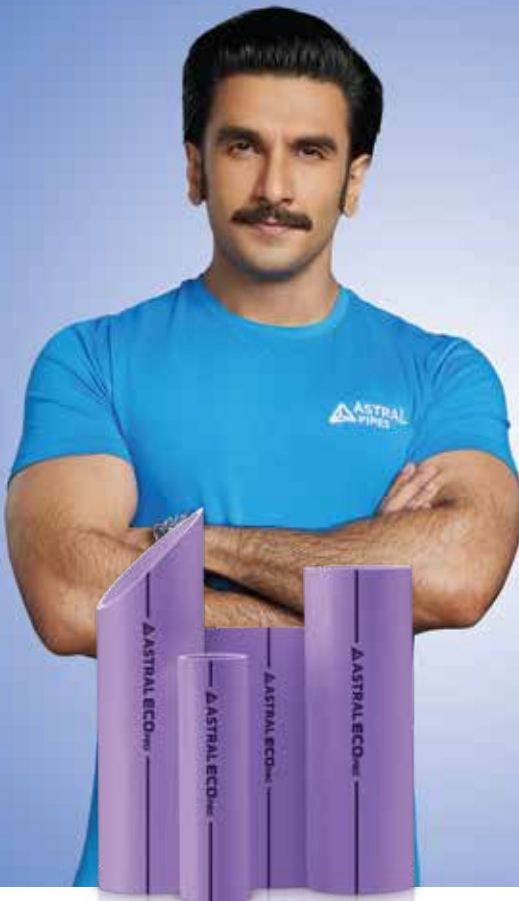


# UPVC PIPES FOR RECLAIMED WATER



Power of Desire



## About Astral EcoPro

Astral EcoPro uPVC lead-free plumbing pipes can be used to transfer cold and non-potable pressurized treated water which is reclaimed from different usage conditions like wastewater from sinks, shower drains, washing machine, bath tubs, dishwasher etc. Astral EcoPro pipes can be identified by 'Purple Colour' which is universal symbol of recycled water and can be differentiated easily. Reclaiming wastewater can help to prevent depleting water resources and help to maintain balance in ecosystem.

## Products Applications

Astral EcoPro pipes are being used for sustainable applications and Green Building systems for

- Irrigation and Landscaping
- Watering and dust control for under construction buildings
- Public utilities for non-potable application
- Industries
- Residential and commercial building flush lines

## Applicable Standards

**ASTM D1784** Standard Classification System and Basis for Specification for Rigid Poly Vinyl Chloride (PVC) Compounds and Chlorinated Poly Vinyl Chloride (CPVC) Compounds

**ASTM D1785** Standard Specification for Poly Vinyl Chloride (PVC) Plastic Pipe, Schedules 40, 80, and 120

## Pipe Specifications

Nominal Size		Average Outside Diameter (mm)		Wall Thickness (mm)				Pressure Rating @23°C (kg/cm <sup>2</sup> )	
				Sch 40		Sch 80		Sch 40	Sch 80
(cm)	(inch)	Min	Max	Min	Max	Min	Max	Max	Max
1.5	1/2"	21.24	21.44	2.77	3.28	3.73	4.24	42.19	59.76
2.0	3/4"	26.57	26.77	2.87	3.38	3.91	4.42	33.75	48.51
2.5	1"	33.27	33.53	3.38	3.89	4.55	5.08	31.64	44.29
3.2	1 1/8"	42.03	42.29	3.56	4.07	4.85	5.43	26.01	36.56
4.0	1 1/2"	48.11	48.41	3.68	4.19	5.08	5.69	23.20	33.04
5.0	2"	60.17	60.47	3.91	4.42	5.54	6.20	19.69	28.12

## Type of fittings & accessories for installation

Astral Aquarius Sch 40 & Sch 80 regular fittings can be used with Astral EcoPro Pipes.

## Testing Details

- Raw Material Test
- Dimensional & Visual Test
- Drop Impact Test
- Flattening Test
- Reversion Test
- Burst Pressure Test



**ASTRAL TOLL FREE**  
**1800 233 7957**

Please get in touch with us between 10 AM to 6 PM between Monday to Friday and the last Saturday of the month. We will remain closed on Public Holidays.



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Superbrand in piping  
category for  
consecutive 4 years*



*India's Most Trusted  
Pipe Brand based on  
TRA's Brand Trust  
Report for the 5<sup>th</sup> time*



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