

# ashirvad

## PIPES

uPVC UNDERGROUND DRAINAGE  
THE UNDERGROUND REVOLUTION

WHY IS ASHIRVAD UNDERGROUND DRAINAGE  
SYSTEM THE BEST CHOICE ?

- ✓ Foam core technology with triple layer
- ✓ Solid wall fittings to international specifications
- ✓ Pushfit jointing technology
- ✓ Smooth finish and rodent resistant
- ✓ Complete range from 110 mm to 315 mm along with surface drains
- ✓ Speciality items such as mechanical connections, non-return valves and manholes
- ✓ Low maintenance, leak and odour proof
- ✓ Aesthetic appeal and 100% recyclable



**UNDERGROUND**  
d r a i n a g e

WARRANTY ON ASHIRVAD PRODUCTS NOT APPLICABLE IN  
CASE OF USE IN COMBINATION WITH ANY OTHER BRAND AND  
MAKE OF PIPES AND FITTINGS, SOLVENT AND LUBRICANT.

TECHNOLOGY FROM  
**REDI**  
ITALY

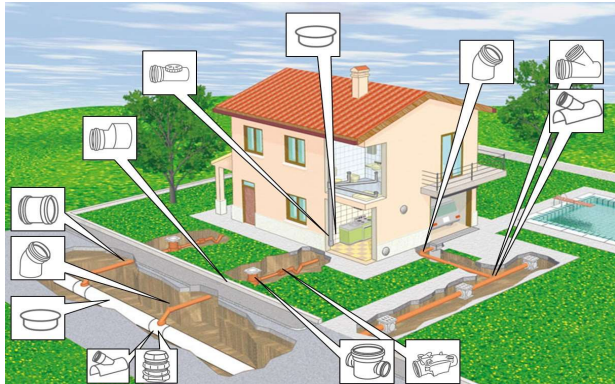
## Ashirvad - Leadership You Can Trust

Ashirvad has been setting benchmarks for quality since 1975. The leader in the manufacture of PVC and cPVC piping systems, Ashirvad Pipes is ISO 9001:2008 certified and is a National Award winning company. With its state-of-the-art factory spread over 40 acres, the company has an annual manufacturing capacity of 1,08,000 metric tons and manufactures a complete range of high technology and superior quality plastic piping systems for domestic and agricultural use. The manufacturing systems adhere to the highest level of international quality for a maintenance free life.

## The underground revolution from Ashirvad

Ashirvad forays into external drainage networks to enrich and enliven human habitats. Underground and surface drainage is intended to connect the SWR end to the municipal sewers or mains drains or sewage treatment plants. This is external to buildings and is generally buried. Grey and black water along with rainwater can be conveyed through these systems.

The underground drainage system comprises of pipes, fittings, inspection chambers, manholes and speciality items. Triple layer pipes with foam core technology (110 mm to 315 mm) and in PVC are being delivered by Ashirvad for underground drainage systems. All fittings are solid walled and in PVC as well. Inspection chambers (315 mm and 450 mm dia) and manholes with risers (upto 1000 mm dia) are in poly propylene (PP). Surface drainage channels are in poly propylene and can suit many top covers.



Generic installation guide for underground drainage systems

The jointing technology for the underground system from Ashirvad is pushfit that comprises of a 2-layer rubber ring that forms the seal. This sealing mechanism is quite sufficient for the non-pressure application of underground systems.

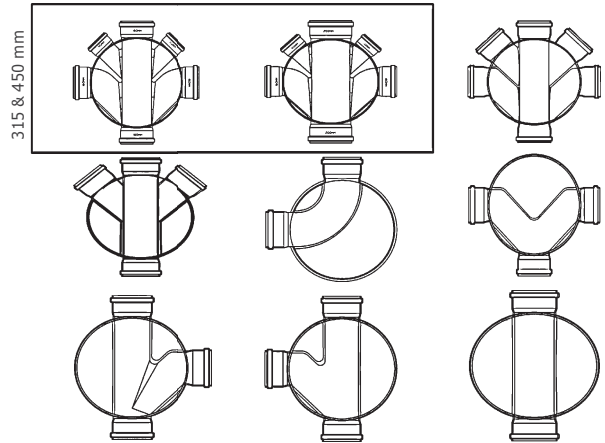
Standards: All pipes adhere to IS 16098:2013 and the fittings including inspection chambers, manholes and surface drainage adhere to international (EN / ISO / DIN) specifications.

Please refer to IS 16098:2013 for proper installation of underground drainage systems. Attention to UPC code as well as using a qualified MEP Consultant for designing the underground drainage is essential.

Dimensions of foam-core pipe diameters, stiffness classes available from Ashirvad are given below. Single socket, double socket as well as plain end pipes are available in all diameters.

## Pipe availability

Description	Type	SN2	SN4	SN8
Pipe Dia	Availability	Availability	Availability	Availability
110 mm	Ringfit pipe	Not covered in IS	✓	✓
160 mm	Ringfit pipe	✓	✓	✓
200 mm	Ringfit pipe	✓	✓	✓
250 mm	Ringfit pipe	✓	✓	✓
315 mm	Ringfit pipe	✓	✓	✓



Range of inspection chambers being made by Ashirvad (315 mm dia and 450 mm dia)

## Inspection chambers and manholes availability

Diameter mm DN	Height Range mm	Inlet DN <sub>i</sub> mm	Outlet DN <sub>o</sub> mm	Cover DN <sub>c</sub> mm	Personal Entry
500	350-1500	110/160	110/160	500	No
600	350-500	110/160	110/160	600	No
800*	1050-1750	110/160	110/160	600	Yes
1000**	1100-6000	110/160/200	110/160/200	600	Yes
		160/200/250	160/200/250	600	Yes

\* Steps are available on demand

\*\* DN 1000 manholes available with additional base configuration for inlet / outlet of 315 / 400 / 500



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SMART WATER MANAGEMENT PLUMBING . SANITARY . AGRICULTURE

**Channel Partner**

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