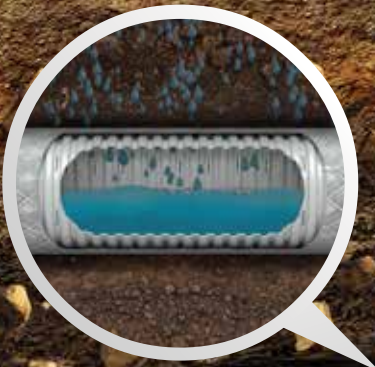


GeoRex[®]

CORRUGATED PIPES WITH
PERFORATION AND
SYNTHETIC FILTER FOR
SUB-SURFACE DRAINAGE



ABOUT ASTRAL

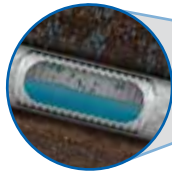
Established in 1996 with the aim to manufacture best-in-globe plastic piping systems, Astral Pipes fulfils emerging piping needs of millions of houses and adds extra mileage to India's developing real estate fraternity with the hallmark of unbeaten quality and innovative piping solutions. Keeping itself ahead of the technology curve, Astral has always been a front runner in the piping category by bringing innovation and getting rid of old, primitive and ineffective plumbing methods. Bringing CPVC in India, and pioneering in this technology, have set Astral apart and its highest quality enabled it to obtain NSF approval for its CPVC pipes and fittings. Astral went beyond the category codes by launching many industry firsts, like launching India's first lead-free uPVC pipes for plumbing as well as for stream water, just to name a few. Astral Pipes offers the widest product range across this category when it comes to product applications. Astral Pipes is equipped with production facilities at Santej and Dholka in Gujarat, Hosur in Tamil Nadu, Ghiloth in Rajasthan, Sangli & Aurangabad in Maharashtra, and Sitarganj in Uttarakhand to manufacture plumbing systems, drainage systems, agriculture systems, fire sprinkler piping systems, industrial piping, electrical conduct pipes and water tanks with all kinds of necessary fittings.

ABOUT GEOREX

In western developed countries Farm Drainage System with Sub-Surface Drainage(SSD) methods have been established long back for the improvement of the crop growth. Appreciative work has been done in the mid of 20th Century and accepted in the nineties. A substantial percentage of growth in crop yields have been recorded after the acceptance of SSD System. Subsurface drainage systems are implemented beneath the top layer of soil. SSD Systems are commonly used in areas where soil can not drain excess water quickly on its own. In India, unfortunately a very little has been done so far compared to the magnitude of the barren and salt affected lands. GeoRex is Sub-Surface Drainage system designed to address issues faced during drainage of excessive sub surface water and maintaining water table in agriculture fields as well as morden infrastructure.

WORKING PRINCIPLE

Basically, it is working on principle that sub-surface water gets percolated to GeoRex pipe via perforated profile and synthetic filter. The network of the GeoRex pipes drains water to main drain. This water collected in manhole/ reservoir. Excess water from the manhole gets transfer to nearby body.



WIDE APPLICATIONS

AIRPORT



RAILWAY



HIGHWAY



CONSTRUCTION



GOLF COURSE



SPORTS FIELD



FARMLAND

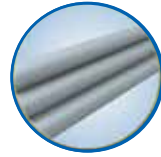


RESIDENTIAL

ADVANTAGES



Flexibility Coupled with strength to sustain earth load



Pipes available in various length coils hence less joints are required



Coil Form enables automated pipe laying



Adequate water inlet area



Geo Textile filter wrapped around pipes safeguards against choking



Better quality joints



Helps maintain water table and enables good soil ailing



Avoid salinity recurrence hence improves soil health and crop yield



Avoid water logging



Resistance to abrasion, corrosion and chemical scouring

AVAILABLE FITTINGS

- Wide range of fittings are available to complete sub-surface system
- Reliable because of the accurate and controlled dimensions of fittings
- Notch interlocks during corrugation of pipe without a problem.



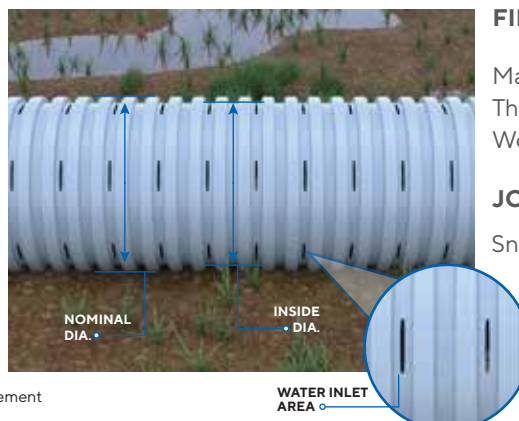
FEATURES

- Single Wall Corrugated
- PVC
- Available in coil form (up to 100 mm dia.)
- Confirming to IS 9271
- Uniform Braiding avoid air pockets

PRODUCT RANGE & TECHNICAL DETAILS

NOMINAL DIAMETER	ID	WATER INLET AREAS
65 mm	55mm	18-80 Sq. cm/meter
80 mm	72mm	18-80 Sq. cm/meter
100 mm	88mm	21-80 Sq. cm/meter
160 mm	144mm	24-80 Sq. cm/meter
200 mm	178mm	27-80 Sq. cm/meter
250 mm	225mm	30-80 Sq. cm/meter

Note: Water inlet area can be increased or decreased as per customers requirement



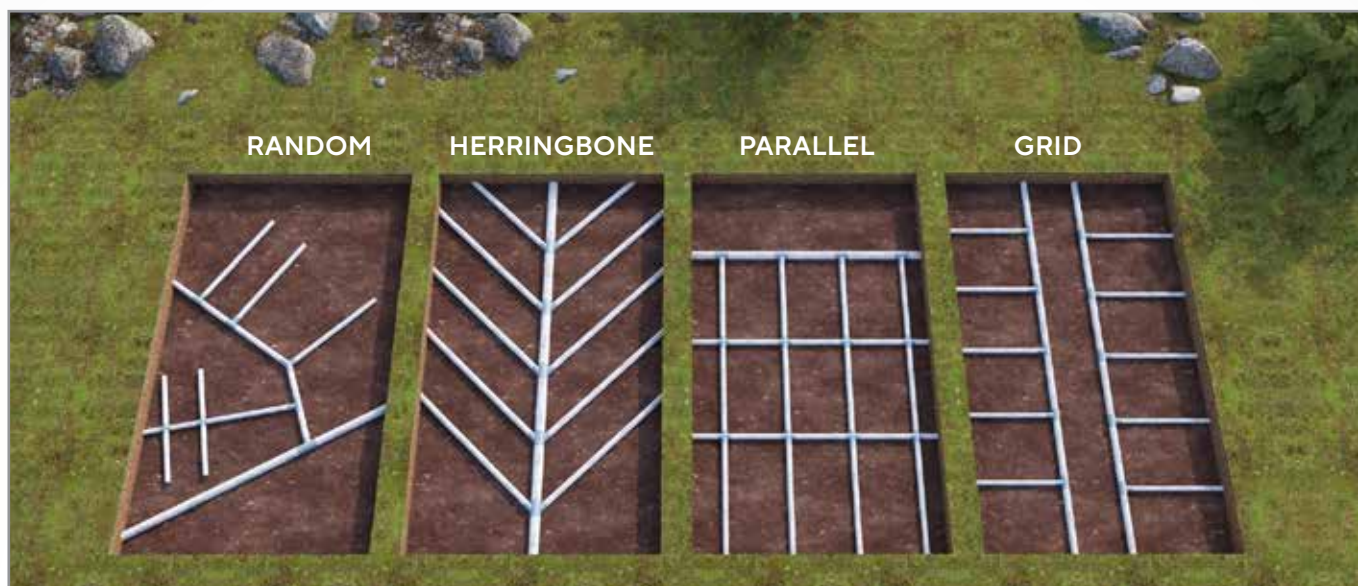
FILTER SPECIFICATION

Material: Polyester fibre
Thickness: 2.5 mm (Minimum)
Weight: 250 gsm (Minimum)

JOINING TECHNIQUE

Snap fit notched fittings

LAYING METHODS



ADVANTAGES OF GEOREX OVER PLAIN PVC/HDPE PIPES

- Specifically designed for sub-soil drainage application
- Better load bearing capacity
- Easy to Install with convenient Jointing system
- Light weighted
- Available in long length / coils forms
- Available in pre-wrapped Geo-Textile filter



*A consumer validated
Superbrand in piping
category for
consecutive 3 years*



*India's Most Trusted
Pipe Brand based on
TRA's Brand Trust
Report for the 4th time*

Power of Desire



*India's Most Desired
Brand based on
TRA's Brand Trust
Report 2022*



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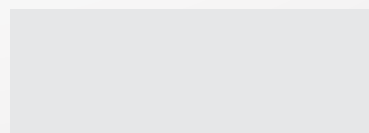


**ASTRAL TOLL FREE
1800 233 7957**

Please get in touch with us
between 10 AM to 6 PM on Monday
to Saturday – except 1st and 3rd Saturday
and public holidays



Authorised Dealer:



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