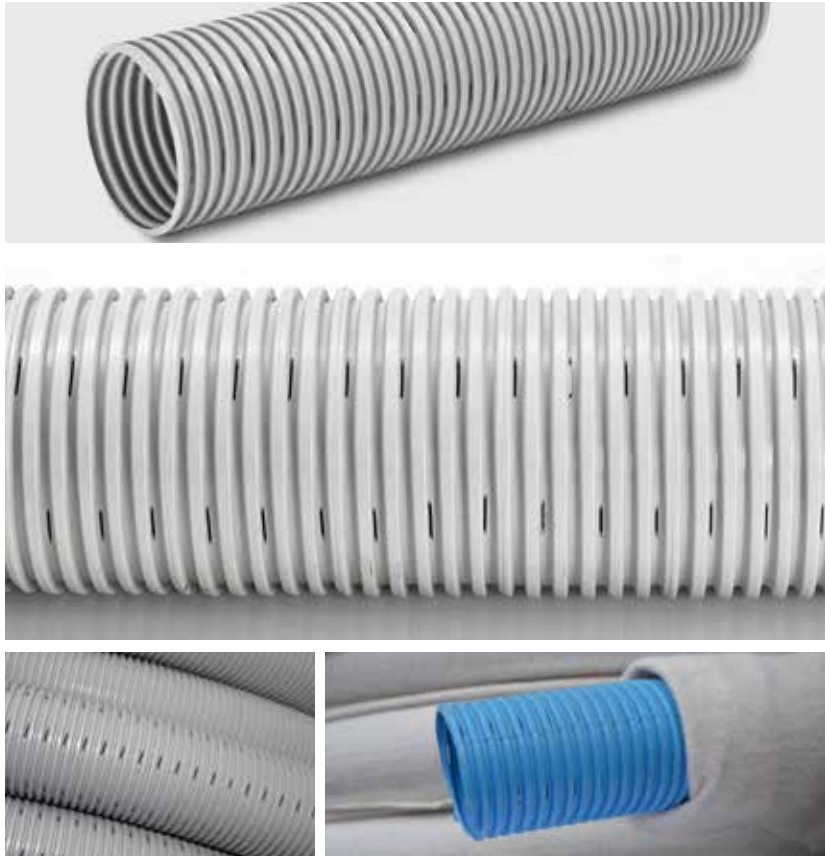


ASTRAL
GEOREX

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PIPES



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**PLASTIC CORRUGATED LATERAL
DRAIN PIPE WITH PERFORATION
AND SYNTHETIC FILTER**

INTRODUCTION

In western developed countries Farm Drainage System with SSD Methods have been established long back for the improvement of the crop growth. Appreciative work has been in the mid of 20th Century and accepted in the nineties. Only the maintenance & inspection work is looked after. A substantial percentage of growth in crop yields have been recorded. In India unfortunately very little has been done so far as compared to the the magnitude of the fertile and salt affected lands.

WIDE APPLICATIONS

- Farmland • Construction sites • Sports field and stadiums • Oil depots • Airports
- Golf course • Highways • Podium gardens • Landscapes

FEATURES

- Single Wall Corrugated • PVC • Available In Long Lengths in Coils • Manufactured as per IS 9271 – 2004 • Unique Braiding Method • Injection Moulded Fittings

ADVANTAGES

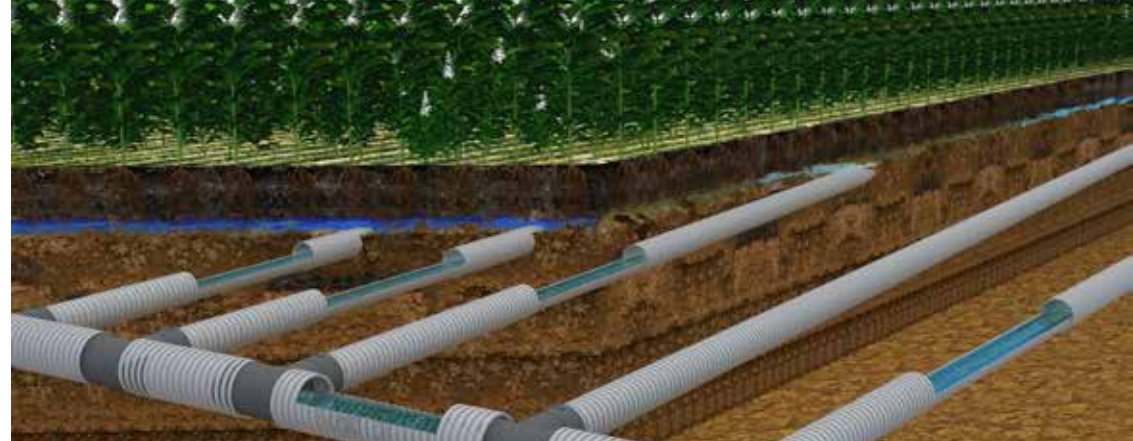
- Excellent flexibility with effective stiffness that helps sustain heavy earth loads.
- Less number of joints due to different lengths of pipes.
- Facilitates automated laying with the help of coil form.
- Provides adequate water inlet area.
- Helps avoid major issues during choking of pipes and installation.
- Provides better quality joints.

BENEFITS OF GEOREX MOULDED FITTINGS

- Reliable because of the accurate and controlled dimensions of fittings.
- Notch interlocks during corrugation of pipe without a problem.
- Easy convertibility of coupler & the end cap. The Tee for fitting is of T and Y shaped.
- Extra reliability due to threaded joints
- Trusted after-sale service representatives to help anytime.



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



DISADVANTAGES OF FABRICATED FITTINGS

- Fabricated fittings may be cost-effective but they can fail the entire SSD system.
- Difficulty in assembly.
- Angles of each fitting vary depending on the piece.
- Modular configurations are not possible.
- No after-sale service is available.
- No synergy between pipes and fittings.
- Even filters with inferior quality fittings can lead to failure.
- Fabricated fittings do not have longevity compared to originals.

TECHNICAL SPECIFICATIONS

O.D.	Water Inlet Areas
65 mm	15-80 Sq. cm/meter
80 mm	18-80 Sq. cm/meter
100 mm	21-80 Sq. cm/meter
160 mm	24-80 Sq. cm/meter
200 mm	27-80 Sq. cm/meter
250 mm	30-80 Sq. cm/meter

