

WEIDALINE[®]

SUBSOIL DRAINAGE PIPE

- 
- **Light Weight**
 - **Unmatched Durability**
 - **Long Lengths**
 - **Chemically Inert**
 - **Fast & Easy Installation**
 - **Flexible**
 - **High Structural Strength**
 - **Abrasion Resistance**



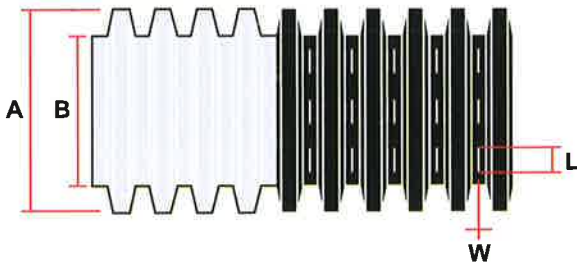
INTRODUCTION

WEIDALINE HDPE corrugated subsoil drainage pipe is made from virgin High Density Polyethylene resin. It is tough, has high strain, chemically inert to all soils and most chemicals which will ensure many years of trouble free service.

STANDARDS

- **AS 2439 Part 1**
Specification for Perforated Plastics Drainage and Effluent Pipe and Fitting, Part 1: Perforated Drainage and Associated Fittings.
- **BS 4926**
Specification for Plastic Pipes and Fittings for Use As Subsoil Field Drains.
- **ASTM F405**
Standard Specification for Corrugated Polyethylene (PE) Pipe and Fittings.

PRODUCT DATA



NOMINAL DIAMETER (mm)	OUTSIDE DIAMETER (mm) A	INSIDE DIAMETER (mm) B	PERFORATION SIZE (mm) W x L	NO. OF ROWS	WATER ENTRANCE AREA (sq mm/m)
100	100	86	1.2 X 8.0	6	2,300
160	160	138	1.5 X 5.0	6	2,100

COIL LENGTH

NOMINAL DIA. (mm)	COIL LENGTH (m)
100	100
160	50

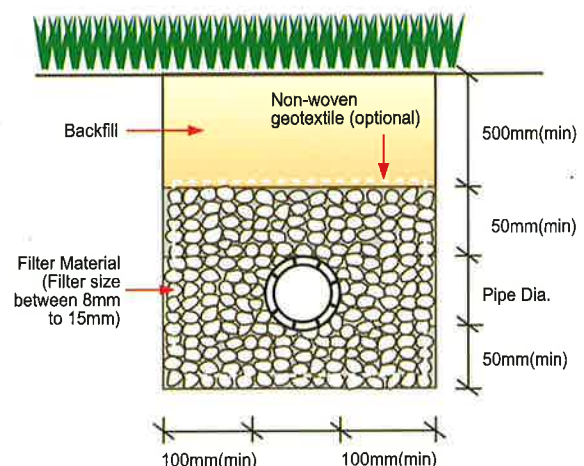
TYPICAL SPACING AND DEPTH

SOIL TYPE	EFFECTIVE SPACING	DEPTH
Sand	20.0m - 30.0m	1.8m - 2.0m
Loam	9.0m - 15.0m	1.2m - 1.6m
Clay	2.5m - 7.0m	0.6m - 1.0m

FILTER MATERIAL AND FILTER FABRIC

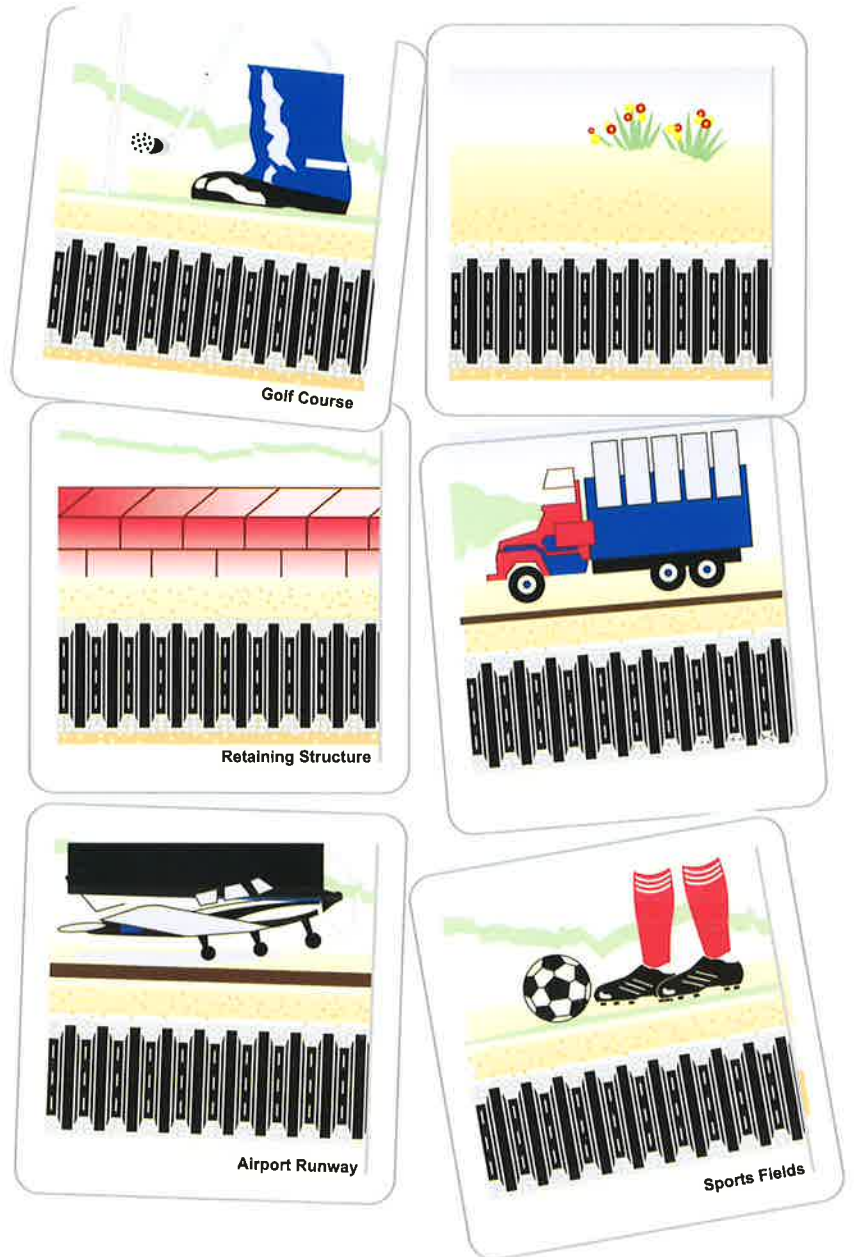
Filter material must be aggregate or coarse sand with diameter between 8mm to 15mm. In condition where there are fine sand or coarse slit soils, non-woven filter fabric may be used by wrapping it around the filter material. It is not recommended that it be wrap around the pipe itself.

TYPICAL TRENCH

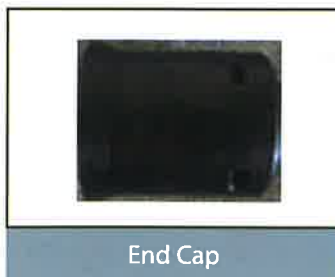


APPLICATIONS

- Golf Course
- Retaining Structure
- Airport Runway
- Landscaping
- Road Edge Drainage
- Sports Fields
- Landfill
- Parks
- Sludge Drying Beds
- Storage Yards
- Agriculture



FABRICATED FITTINGS



The most commonly required fittings, "Tee", Y and end cap are held in stock. Other special configured fittings are manufactured to order.

APPLICATIONS



SportsField



Airport Runway



Golf Course



Landscaping



Road Edge

STANDARDS

AS 2439 Part 1 : 1981

Specification for Perforated Plastics Drainage and Effluent Pipe and Fitting, Part 1 : Perforated Drainage and Associated Fittings.

BS 4962 : 1989

Specification for Plastics Pipes and Fittings for Use AS Subsoil Field Drains.

ASTM F 405 : 1989

Standard Specification for Corrugated Polyethylene (PE) Perforated Tubing and Fitting.

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