

WEIDALINE[®]

SUBSOIL DRAINAGE PIPE

DESCRIPTION

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.

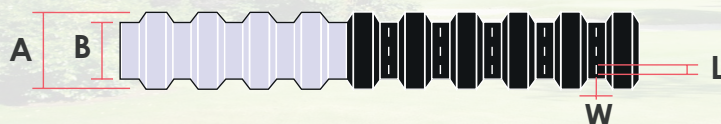
APPLICATIONS

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



TECHNICAL DATA

NOMINAL DIAMETER (MM)	OUTSIDE DIAMETER (MM)	INSIDE DIAMETER (MM)	PERFORATION SIZE (WxL) (MM)	WATER ENTRANCE AREA (MM² / M)
100	100	85	1.2 X 8.0	2,300
160	160	133	1.5 X 5.0	2,100



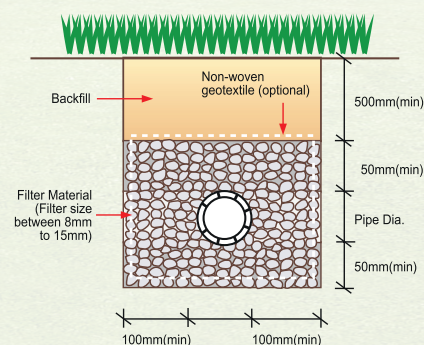
COIL LENGTH

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

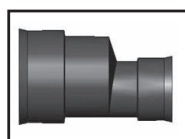
TYPICAL TRENCH



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.

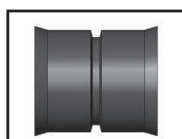
FABRICATED FITTINGS



Straight Reducer



End Cap



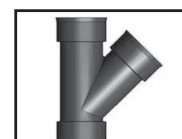
Coupler



Elbow (45° & 90°)



Tee Branch
(Equal & Unequal)



Wye Branch
(Equal & Unequal)

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 Fields Drains.

• ASTM F405

Standard Specification for Corrugated Polyethylene (PE) Pipe and Fittings

