

# Greenflo®

Subsoil Drainage Pipe



**HDPE Pipe**  
made in Australia  
with recycled Polymer



## Description

**Greenflo®** is a 100mm diameter single wall Class 400 pipe, manufactured from recycled High Density Polyethylene (HDPE).

**Greenflo®** is a flexible yet durable pipe which can be supplied as plain pipe with no slots or a subsoil drainage pipe with slots. A further option incorporates a knitted filtration sock over the full length of the pipe.

Designed for medium load conditions the single wall pipe is suitable for non highway drainage applications. The single wall ensures a high degree of flexibility which allows **Greenflo®** to be supplied in large coils which helps reduce installation costs.

## Typical Applications

### Subsoil Drainage

The use of traditional French drains incorporating perforated drainage pipes in roads, sports fields and general landscaping is commonplace and is proven technology. The high flow capacity of the **Greenflo®** allows the rapid removal of water from the base of the French drain.

### Gas Drainage

Gravel gas collection layers form part of the capping system for virtually all modern landfill or waste containment facilities. **Greenflo®** manufactured from HDPE provides a chemical resistant gas extraction conduit which is incorporated in the drainage layer.

### Cable conduits

Buried cables run alongside or through virtually every road or structure, replacement or repair of these cables are costly if sections of the road or structure requires removed to enable these works. The cable duct allows easy access to cable routing and removes the need for excavation or demolition of structures in key areas as a new cable is simply threaded through the conduit.

**Greenflo®** combines flexibility with low cost to provide the ideal ducting solution.

## Features

- Australian Made
- Made from recycled soft drink bottles
- Various lengths
- Flexible

## Benefits

- Fast & efficient delivery of goods
- Minimised waste to landfill
- Minimised wastage
- Will conform to unusual layout

Specifications	Test Method	Units	Product Code		
			G100P	G100S	G100SS
<b>Pipe Properties</b>					
Material	-	-	Recycled HDPE		
Diameter - inside	AS2439.1	mm	83 < Ø < 87		
Diameter - outside	AS2439.1	mm	99 < Ø < 102		
Pipe Stiffness Deflection @ 5%	AS2439.1	kN/m/m	>400		
Pipe Stiffness Deflection @ 10%	AS2439.1	kN/m/m	>300		
Perforation - length	-	mm	-	12 - 14	12 - 14
Perforation - width	-	mm	-	1.2 - 14	1.2 - 1.4
Coil lengths	-	m	50		
<b>Knitted Sock Properties</b>					
Material	-	-	-	-	Polyester
Diameter	-	mm	-	-	100
Denier	-		-	-	100
Pore Size	AS3706.7	0 <sub>95</sub> - µm	200 < 0 <sub>95</sub> < 500		

### IMPORTANT NOTICE

The information contained in this brochure is general in nature. In particular the content of this brochure does not take account of specific conditions that may be present at your site. Site conditions may alter the performance and longevity of the product and in extreme cases may make the product wholly unsuitable. Any data or specifications contained in this brochure are average values obtained in our laboratory. Actual dimensions and performance may vary. If your project requires accuracy to a certain specified tolerance level you must advise us before ordering the product from us. We can then advise whether the product will meet the required tolerances. Where provided, installation instructions cover installation of product in site conditions that are conducive to its use and optimum performance. If you have any doubts as to the installation instructions or their application to your site, please contact us for clarification before commencing installation. In all cases we recommend that advice be obtained from a qualified consulting engineer before proceeding with installation. © Copyright held by Geofabrics Australasia Pty Ltd. All rights are reserved and no part of this publication may be copied without prior permission.

**MELBOURNE**  
(03) 8586 9111  
Fax: (03) 8586 9186

**SYDNEY**  
(02) 9821 3277  
Fax: (02) 9821 3670

**NEWCASTLE**  
(02) 4950 5845  
Fax: (02) 4950 5895

**PERTH**  
(08) 9309 4388  
Fax: (08) 9309 4389

**ADELAIDE**  
(08) 8177 2055  
Fax: (08) 8177 2044

**HOBART**  
(03) 6273 0511  
Fax: (03) 6273 068

**BRISBANE**  
(07) 3279 1588  
Fax: (07) 3279 1589

**TOWNSVILLE**  
(07) 4774 8222  
Fax: (07) 4774 8655

**BUNDABERG**  
(07) 4155 9968  
Fax: (07) 4155 9968

**GOLD COAST**  
(07) 5563 2131  
Fax: (07) 5563 3727

**DARWIN**  
(08) 8984 1600  
Fax: (08) 8984 1614



[www.geofabrics.com.au](http://www.geofabrics.com.au)