

## Flo-Log<sup>®</sup> Subsurface Drainage



### The most efficient sub surface drains available today.

The Atlantis<sup>®</sup> Flo-Logs<sup>TM</sup> are designed for special situations where a combination of high infiltration, rapid drainage and high compressive strength is required.

The Vortex feature allows water to aerate as it travels through the pipe dramatically improving water quality.

The Atlantis<sup>®</sup> Flo-Logs<sup>TM</sup> are manufactured from high quality recycled polypropylene. Our Logs can be custom made for special situations, and a wide range of Geotextiles and Hydronets have been designed for this purpose.



### Benefits:

- Quick installation
- Reduced maintenance cost
- Self cleaning
- Simple connection to pits & pipes
- Cost effective
- Lightweight & easy to handle
- High flow rate

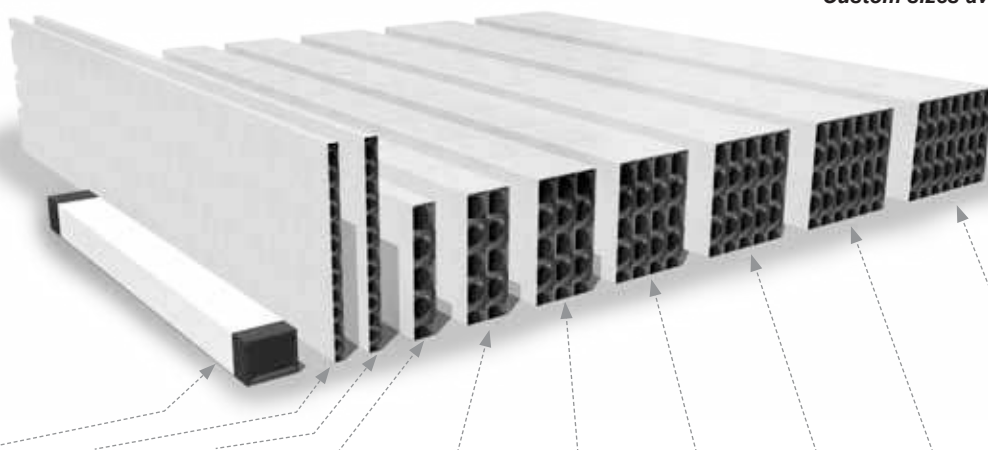
### Applications:

- Trench and strip drainage
- Retaining wall drainage
- Edge drains for roads
- Sportsfields drainage systems
- Underground water dispersal



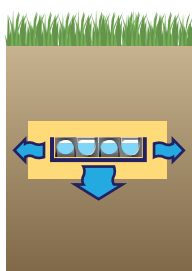
## Standard Size Drainage Logs.

The logs are pre wrapped in quality geotextile and are available in various sizes. The logs are two metres in length and can be connected together to form any length.

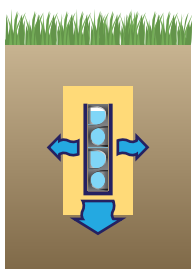


Part Number	30014	80020	80030	10519	10520	10521	10522	10523	10524	10525
<b>Width</b>	100 mm	20 mm	30 mm	52 mm	104 mm	156 mm	208 mm	260 mm	312 mm	364 mm
<b>Height</b>	80 mm	408 mm	408 mm	260 mm	260 mm	260 mm	260 mm	260 mm	260 mm	260 mm
<b>Length</b>	1080 mm	1920 mm	1920 mm	1920 mm	1920 mm	1920 mm	1920 mm	1920 mm	1920 mm	1920 mm
<b>Flow Rate per metre (Approximate)</b>	80 L/m	35 L/m	52 L/m	93 L/m	185 L/m	278 L/m	371 L/m	464 L/m	556 L/m	649 L/m
<b>Weight</b>	0.62 kg	2.4 kg	2.98 kg	2.6 kg	5.2 kg	7.8 kg	10.4 kg	13 kg	15.6 kg	18.2 kg
<b>Geotextile</b>	Hydrophillic Non Woven Geotextile (As per Atlantis Specifications)									
<b>Surface Area</b>	95% void									

Common Properties	
<b>Biological Resistance:</b>	Not affected by biological activity
<b>Chemical Resistance:</b>	Excellent resistance to Urine, Acids, Alcohols, Bases and Mineral Oils. Good resistance to Aldehydes, Esters, Aliphatic Hydrocarbons, Ketones and Vegetable Oils.
<b>Recommended Service Temperature:</b>	-10°C to 110°C



Flo-Log® Horizontal Exfiltration Area (Linear Metre)										
Part Number	30014	80020	80030	10519	10520	10521	10522	10523	10524	10525
<b>Gross Exfiltration Area</b>	0.26 m <sup>2</sup>	0.45 m <sup>2</sup>	0.47 m <sup>2</sup>	0.63 m <sup>2</sup>	0.74 m <sup>2</sup>	0.84 m <sup>2</sup>	0.95 m <sup>2</sup>	1.05 m <sup>2</sup>	1.15 m <sup>2</sup>	1.26 m <sup>2</sup>
<b>Net Exfiltration Area (95%)</b>	0.25 m <sup>2</sup>	0.43 m <sup>2</sup>	0.45 m <sup>2</sup>	0.60 m <sup>2</sup>	0.70 m <sup>2</sup>	0.80 m <sup>2</sup>	0.90 m <sup>2</sup>	1.00 m <sup>2</sup>	1.09 m <sup>2</sup>	1.20 m <sup>2</sup>



Flo-Log® Vertical Exfiltration Area (Linear Metre)										
Part Number	30014	80020	80030	10519	10520	10521	10522	10523	10524	10525
<b>Gross Exfiltration Area</b>	0.28 m <sup>2</sup>	0.84 m <sup>2</sup>	0.85 m <sup>2</sup>	0.57 m <sup>2</sup>	0.62 m <sup>2</sup>	0.68 m <sup>2</sup>	0.73 m <sup>2</sup>	0.78 m <sup>2</sup>	0.83 m <sup>2</sup>	0.88 m <sup>2</sup>
<b>Net Exfiltration Area (95%)</b>	0.27 m <sup>2</sup>	0.80 m <sup>2</sup>	0.81 m <sup>2</sup>	0.54 m <sup>2</sup>	0.59 m <sup>2</sup>	0.65 m <sup>2</sup>	0.69 m <sup>2</sup>	0.74 m <sup>2</sup>	0.79 m <sup>2</sup>	0.84 m <sup>2</sup>

**Note:** Atlantis® products are manufactured from high quality recycled materials, carefully selected and under strict quality control procedures. The strength could vary slightly due to raw material, country of manufacture, manufacturing process and external conditions. All trademarks are the property of Atlantis Water Management Australia.

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All product designs, and specification are subject to change without further notice. All Atlantis® products are tested in approved laboratories, and safe allowed tolerances should be practised in the actual field, to compensate for any unforeseen situations, on site and on products.

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