

## Pressure Compensated Dripperline

# Bioline AS

For domestic greywater and onsite water reuse applications



### Applications:

- Installed following a treatment process
- Reuse applications for sub-surface or on-surface irrigation in domestic greywater treatment systems or domestic onsite treatment systems



### Features & Benefits:

- Anti-siphon (AS) & self-flushing systems prevent dirt penetration and improve clog resistance
- Self compensating and self cleaning
- Physical barrier improving the resistance to clogging caused by root penetration
- Drippers capture water flow from the centre of the tubing - ensures that only the cleanest flow enters the dripper
- Largest filter and widest water passage within each dripper
- Unique TurboNet flow path
- Can be used subsurface or on surface under mulch



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SUSTAINABLE WATER SOLUTIONS

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## Specifications:

- Dripper flow rates: 1.6l/hr, 2.0l/hr & 3.0l/hr
- Dripper spacings: 0.30m, 0.40m, 0.50m & 1.0m
- Pressure compensating range 0.4 - 2.5 Bar for 1.6l/hr
- Pressure compensating range 0.4 - 3.0 Bar for 2.0l/hr & 3.0l/hr dripper
- Tubing diameter 13.0mm I.D. 15.4mm O.D.
- Tubing colour - co-extruded lilac indicating non potable
- Coil lengths 100m & 200m
- Minimum recommended filtration 130 micron, 120 mesh
- UV resistant
- Tubing Material - Low Density Polyethylene (LDPE)
- Additional flow, spacings, and pipe sizes are available by special order. Minimum quantities apply.



## Maximum Lateral Length:

	<b>0.3m</b>	<b>0.4m</b>	<b>0.5m</b>	<b>0.6m</b>	<b>1.0m</b>
<b>1.6l/hr</b>	40m	50m	61m	70m	105m
<b>2.0l/hr</b>	35m	43m	52m	61m	91m
<b>3.0l/hr</b>	26m	34m	41m	47m	70m

At 1.1 Bar inlet pressure on flat ground

	<b>0.3m</b>	<b>0.4m</b>	<b>0.5m</b>	<b>0.6m</b>	<b>1.0m</b>
<b>1.6l/hr</b>	89m	115m	139m	162m	243m
<b>2.0l/hr</b>	75m	96m	116m	135m	204m
<b>3.0l/hr</b>	57m	74m	90m	104m	157m

At 2 Bar inlet pressure on flat ground, 10m end pressure

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