

Pressure Compensated Dripperline

# UniBioline CNL

For domestic onsite water re-use applications



## Applications:

- Typically installed following a treatment process
- Suitable for domestic onsite applications using a minimum of secondary treated water
- Not suitable for frost prone areas - use Bioline AS



## Features & Benefits:

- TurboNet™ labyrinth assures wide water passage
- Pressure compensation - all drippers deliver equal flow, even on sloped or rolling terrain
- Anti-siphon (AS) & self-flushing systems prevent dirt penetration and improve clog resistance
- **Anti-drain (CNL) for efficient pulse irrigation, prevents water drainage and reduces run-off - ideal for slopes**
  - On system start up all drippers open simultaneously improving uniformity. The CNL feature also limits the risk of ponding by not allowing effluent to drain out of lowest drippers.
- Physical barrier improving the resistance to clogging caused by root penetration
- Drippers capture water flow from the centre of the tubing - ensures only the cleanest flow enters the dripper
- Can be used subsurface or on surface under mulch



## Specifications:

- Dripper flow rates 1.6, 2.3 & 3.5 l/hr
- Dripper spacings 0.40m, 0.50m, 0.60m & 1.0m
- Pressure compensating range 1.0 - 3.5 Bar
- CNL requires 1.0 Bar opening pressure and holds 0.14 Bar pressure
- Tubing diameter 14.4mm I.D. 16.4mm 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 Run Length:

	<b>0.4m</b>	<b>0.5m</b>	<b>0.6m</b>	<b>1.0m</b>
<b>1.6l/hr</b>	61m	74m	85m	127m
<b>2.3l/hr</b>	48m	58m	68m	101m
<b>3.5l/hr</b>	37m	45m	52m	77m

At 1.1 Bar inlet pressure on flat ground

	<b>0.4m</b>	<b>0.5m</b>	<b>0.6m</b>	<b>1.0m</b>
<b>1.6l/hr</b>	140m	169m	196m	294m
<b>2.3l/hr</b>	110m	133m	155m	233m
<b>3.5l/hr</b>	84m	102m	118m	178m

At 2 Bar inlet pressure on flat ground

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