

BIONET™ AS

Heavy Wall, Pressure Compensating 13mm Lilac Drip Line



Pressure-compensated



Anti-Siphon mechanism



Self-flushing mechanism

/ Applications

- Domestic greywater and onsite water re-use applications

/ Benefits & Features

- Patented TurboNet™ Dripper Technology
- Pressure compensated dripper - self regulates drip discharge over large pressure variation
- Diaphragm made with Iron Oxide for superior resilience against Acid (low pH) and chlorine – for long life and accuracy
- Anti-siphon mechanism - prevents suck back in to dripper
- Centrally mounted dripper with large inlet filter
- Mechanical root barrier

/ Specifications

- Pressure compensated (PC) and Anti-Siphon (AS) drip line
- Operating Pressure: 40 kPa - 250 kPa
- Recommended filtration: 120 mesh (130 micron)
- Tubing colour: co-extruded lilac (indicated non potable water)
- UV resistant Low Density Polyethylene (LDPE)
- Additional flow rates, spacings and pipe sizes are available on request. Minimum quantities apply.

→ Dripper Technical data

Inside Diameter	Outside Diameter	Dripper Flow Rate	Dripper Spacing	Pressure Range	Coil Length
MM	MM	L/H	M	kPa	M
12.9	15.3	1.6 & 3.0	0.3 & 0.4	40 - 250	50 & 200

→ Technical Data

Maximum run length (m) on flat ground (based on maintaining 40kPa at lateral end)

Nominal Flow Rate (L/H)	50kPa	100kPa	150kPa	200kPa	250kPa
3.0 l/h @ 0.3m	26m	48m	60m	67m	73m
1.6 l/h @ 0.4m	50m	93m	115m	130m	143m

→ Suitable Fittings

SAP	Description	SAP	Description
00005-003450	13mm Straight Take-off to suit LDPE	00005-004100	13mm Elbow
00005-011400	13mm Elbow Take-off to suit LDPE	00005-005300	13mm Tee
45000-001650	7mm Professional Punch Tool	00005-003500	13mm Joiner
00005-009000	13mm Straight Take-off to suit PVC	00005-003100	13mm End Plug
00005-009300	13mm Grommet (16mm hole saw)	00005-001900	13mm Ratchet Clamp
00025-002400	Hold Down Stake (Asta)	00060-002200	13mm Cobra Clamp (C15/8 White)