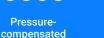
Bioline™ AS

Integral pressure-compensated, continuously self-flushing, anti-siphon mechanism dripper, dripline colored purple for landscape applications using non-potable water













Benefits & Features

→ Pressurecompensated

Precise and equal amounts of water delivered over a broad pressure range, ensuring 100% uniformity of water and nutrient distribution along the laterals.

→ Anti-Siphon mechanism

Prevents contaminants from being drawn into the dripper, making it ideal for sub surface applications.

→ Continuously self-flushing

Flushes debris, throughout operation, while ensuring constant dripper operation.

→ Wide filtration area

Makes Bioline™ highly resistant to clogging with poor quality water, thus increasing filtration efficiency.

→ Physical root barrier

Better protection against root intrusion without reliance on chemicals.

TurboNet™

Labyrinth ensures wide water passages, to increase flushing efficiency.

→ Purple color coded

For easy identification for warning against the use of non-potable water. It means that the water is being reused and is not fit to drink (non-potable).

/ Specifications

- Purple-colored dripline warns against the use of non-potable water.
- ✓ Broad choice of drippers flow rates: 1.0, 1.6, 2.3, 3.5 l/h.
- Dripper spacing's: 0.3, 0.4, 0.5, 1.0 m (other dripper spacing models available upon request).
- Pressure-compensated range: 0.5-4.0 bar.
- Anti-Siphon mechanism.
- ✓ Recommended filtration: 130 micron / 120 mesh.
- Ooil length: 50, 100, 200, 400 m.



FLOW RATE*	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM²)	CONSTANT K	EXPONENT *	RECOMMENDED FILTRATION (MICRON)/(MESH)
1.0	0.5 – 4.0	0.83 x 0.74 x 40	130	1.0	0	130/120
1.6	0.5 – 4.0	1.07 x 0.79 x 40	130	1.6	0	200/80
2.3	0.5 – 4.0	1.26 x 0.95 x 40	130	2.3	0	200/80
3.5	0.5 – 4.0	1.59 x 1.10 x 40	150	3.5	0	200/80

^{*}Within working pressure range

→ DRIPLINES TECHNICAL DATA

MODEL	(MM)	(MM)	(MM)	MAX. WORKING PRESSURE (BAR)	KD
16010	14.20	1.00	16.20	3.5	1.3
16012	14.20	1.20	16.60	4.0	1.3
17012	14.60	1.20	17.00	4.0	1.1

→ DRIPLINES PACKAGE DATA (ON BUNDLED COIL)

MODEL	COIL LENGTH (M)	DISTANCE BETWEEN DRIPPERS (M)	AVERAGE* COIL WEIGHT (KG)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (M)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (M)
16010	50	0.20 to 1.00	2.4	1440	72000	720	36000
	100		4.6	960	96000	480	48000
	200		9.2	480	96000	240	48000
	400		23.0	352	140800	176	70400
16012	50	- 0.20 to 1.00	2.9	1440	72000	720	36000
	100		5.9	960	96000	480	48000
	200		11.7	480	96000	240	48000
	400		23.5	352	140800	176	70400
17012	50	0.20 to 1.00	3.2	1440	72000	720	36000
	100		6.5	960	96000	480	48000
	200		12.5	480	96000	240	48000
	400		24.9	352	140800	176	70400

 $[\]hbox{* Calculated weight average. For further details see $^*\!\!Average Coil Weight Disclaimer"}.$

