

Button and Pot on line dripper

On line non-pressure-compensated dripper, for applications such as greenhouses, nurseries, garden pots.



High clogging resistance



Flexible location



Compact size

/ Benefits & Features

- **High clogging resistance** Even with challenging water quality, with self-cleaning labyrinth that flushes debris throughout operation.
- **Wide water passages** TurboNet™ labyrinth ensures wide water passages, large deep and wide cross-section that improves clogging resistance. The water is drawn into the dripper from the stream center, preventing the entrance of sediment into the drippers.
- **Flexible location** Drippers can be positioned exactly where required. Number of drippers can be increased to increase the water quantities applied. Allows the installation of "spider assembly", splitting the drip supply to a number of drip outlets.

/ Specifications

- Working pressure up to 2.0 bar.
- Recommended filtration: 130 micron / 120 mesh. Filtration method selected based on the kind and concentration of dirt particles contained in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone should be installed before the main filter. Where sand/silt/clay solids exceed 100 ppm, pre treatment it should be applied following Netafim™ expert instructions.
- TurboNet™ labyrinth with large water passage.
- Insertable into thick wall blank PE pipes (0.90, 1.00, 1.20 mm).
- Injected dripper, very low CV.
- High UV resistance. Resistant to standard nutrients used in agriculture.
- Compliance ISO 9261 international standards.
- 3 different outlets: nipple, barb, flat. The Pot model to be threaded into a 3*5 mm micro-tube.

→ Drippers technical data

Button drippers

Flow rate* (l/h)	Max. working pressure (bar)	Water passages dimensions width-depth-length (mm)	Filtration area (mm ²)	Constant K	Exponent X	Base code color	Cap color code
2.0	2.0	0.98 x 0.89 x 50	2.0	0.662	0.48	Red	Black
3.0	2.0	1.05 x 0.95 x 50	2.0	0.993	0.48	Blue	Black
4.0	2.0	1.27 x 1.20 x 50	2.0	1.325	0.48	Black	Black
8.0	2.0	1.55 x 1.55 x 50	2.0	2.649	0.48	Green	Black

*Flow rate at 1.0 bar pressure

→ Drippers technical data

Pot drippers

Flow rate* (l/h)	Max. working pressure (bar)	Water passages dimensions width-depth-length (mm)	Constant K	Exponent X	Base code color	Cap color code
2.0	2.0	0.98 x 0.89 x 50	0.662	0.48	Red	Black
4.0	2.0	1.27 x 1.20 x 50	1.325	0.48	Black	Black
8.0	2.0	1.55 x 1.55 x 50	2.649	0.48	Green	Black

*Flow rate at 1.0 bar pressure

→ Drippers package data

Button drippers

Model	Quantity p/box (units)	Box dimensions (cm x cm x cm)	Box weight (kg)
Flat outlet	10000	57 x 28 x 27	12.7
Barb outlet	9500	57 x 28 x 27	12.4
Nipple outlet	8500	57 x 28 x 27	11.2

→ Kd (minor loss), insertion barb within distribution pipe

Pipe definition	Inside diameter (mm)	Kd
12/4	9.80	1.65
16/4	13.20	0.39
20/4	17.00	0.13
25/4	21.20	0.10
12010	10.60	1.61
16010 - 16012	14.20	0.37
20010 - 20012	17.50	0.12

→ Drippers package data

Pot drippers

Model	Quantity p/box (units)	Box dimensions (cm x cm x cm)	Box weight (kg)	Boxes per pallet (units)	Pallet size (cm x cm x cm)	Pallet weight (kg)
Flat outlet	10000	57 x 28 x 27	12.7	32	114 x 114 x 112	410
Nipple outlet	8500	57 x 28 x 27	11.2	32	114 x 114 x 112	362

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