DripNet PC™ HWD

Integral compact pressure-compensated dripper, for permanent applications, for producers who seek fast ROI. Ideal for permanent crops in complex topography.

→ 16010; 17010; 17012; 20010

Pressure-compensated

Drainage mechanism

Self-flushing mechanism

Benefits & Features

→ Pressure-compensated	Precise and equal amounts of water delivered over a broad pressure range, ensuring 100% uniformity of water and nutrient distribution.
→ Drainage mechanism	The dripper integrates a drainage mechanism that drains water from the pipe at the end of the irrigation cycle, to allow easier recoiling of the dripline at the end of the crop cycle.
→ Continuously self-flushing	Flushes debris throughout operation, while ensuring constant dripper operation even with challenging water quality.
→ Wide filtration area	Ensures optimal performance even under harsh water conditions, preventing the entrance of sediments into the dripper labyrinth.
→ Wide water passages	The TurboNet™ labyrinth offers 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 sediments into the dripper.

Specifications

- Pressure-compensated range according to technical data table.
- Recommended filtration: depending on dripper flow rate. Filtration method selected based on the kind and concentration of dirt particles in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Where sand/silt/clay solids exceed 100 ppm, pre treatment shall be applied following Netafim expert instructions.
- TurboNet™ labyrinth with large water passage.
- Weldable into thick wall driplines (1.00, 1.20 mm).
- Injected dripper, very low CV with injected silicon diaphragm.
- High UV resistant. Resistant to standard nutrients used in agriculture.
- Complies with ISO 9261 standards.

→ Dripper technical data

Flow rate* (ℓ/h)	Working pressure range (bar)	Water passage dimensions (mm) width x depth x length	Filtration area (mm²)	Constant K	Exponent* X	Recommended filtration (micron)
0.40	0.25 - 2.5	0.46 x 0.52 x 26	29	0.40	0	100
0.60	0.25 - 2.5	0.52 x 0.60 x 22	39	0.60	0	100
1.00	0.40 - 3.0	0.61 x 0.60 x 8	39	1.00	0	100
1.60	0.40 - 3.0	0.76 x 0.73 x 8	39	1.60	0	130
2.00	0.40 - 3.5	0.76 x 0.88 x 8	39	2.00	0	130
3.00	0.40 - 3.5	1.02 x 0.88 x 8	39	3.00	0	130
3.80	0.60 - 3.5	1.02 x 0.88 x 8	39	3.80	0	130

* Within the working pressure range

→ Dripline technical data

Model	Inside diameter (mm)	Wall thickness (mm)	Outside diameter (mm)	Max. working pressure (bar)	Max. flushing pressure (bar)	KD
16010	14.20	1.00	16.20	2.5/3.0/3.5*	4.6	0.72
17010	14.40	1.00	16.40	2.5/3.0/3.5*	4.6	0.72
17012	14.60	1.20	17.00	2.5/3.0/3.5*	5.2	0.70
20010	17.50	1.00	19.50	2.5/3.0/3.5*	4.6	0.25

*The maximum working pressure is defined by the dripper or by the dripline wall thickness

→ Dripline package data (on bundled coil)

Model	Wall thickness (mm)	Distance between drippers (m)	Coil length (m)	Average* coil weight (kg)	Coils in a 12 m container (units)	Total in a 12 m container (m)
16010	1.00	0.15 to 1.00	500	20.4	330	165 000
17010	1.00	0.15 to 1.00	500	20.4	330	165 000
17012	1.20	0.15 to 1.00	400	18.5	352	140 800
20010	1.00	0.15 to 1.00	300	16.8	330	99 000

* Calculated weight average.