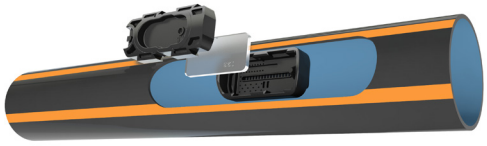
DRIPNET PC™ AS TWD & MWD

COMPACT INTEGRAL PRESSURE-COMPENSATING, CONTINUOUSLY SELF-CLEANING, ANTI-SIPHON MECHANISM DRIPPER



12125 - 12150 - 12200 - 12250 - 16125 - 16150 - 16200
16250 - 22135 - 22150 - 22250 - 25135 - 25150 - 25250

APPLICATIONS

Sub-surface multi seasonal row crops.

FEATURES AND BENEFITS

- Pressure compensated: Precise and equal amounts of water are delivered over a broad pressure range. 100% uniformity of water and nutrient distribution along the laterals.
- Anti-Siphon mechanism: Prevents contaminants from being drawn into the dripper, which is needed in sub surface applications.
- Continuously self flushing: Continuously flushing debris, throughout operation, not just at the beginning or end of a cycle, ensuring uninterrupted dripper operation.
- Self-flushing system with wide filtration area improves resistance to clogging this allows reduction in filtration requirements, and increase filtration efficiency.
- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance.
- The water is drawn in to the dripper from the stream center, preventing the entrance of sediments in to the drippers.

SPECIFICATIONS

- Pressure-compensating range: 0.25/ 0.40/ 0.60-2.5/ 3.0/ 3.5 bar (according to flow rate model & dripperlines wall-thickness).
- Anti-Siphon mechanism.
- Recommended filtration: according to drippers flow rate.
  Filtration method is to be selected based on the kind and concentration of the dirt particles existing in the water.
  Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone is to be installed before the main filter.
  When sand/ silt/ clay solids exceed 100 ppm, pre treatment will be applied according to Netafim™ expert team's instructions.
- TurboNet™ labyrinth with large water passage.
- A wide assortment of dripperlines wall thickness models (0.31, 0.34, 0.38, 0.50, 0.63 mm).
- Injected dripper, very low CV.
- Injected silicon diaphragm.
- High UV resistant. Resistant to standard nutrients used in agricultural.
- DripNet PC™ dripperlines meet ISO 9261 Standards with production certified by the Israel Standards Institute (SII).

DRIPPERS TECHNICAL DATA

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM²)	CONSTANT K	EXPONENT* X	RECOMMENDED FILTRATION (MICRON)/(MESH)
0.6	0.25 - 2.5	0.52 x 0.60 x 22	42	0.6	0	130/120
1.0	0.40 - 3.0	0.61 x 0.60 x 8	42	1.0	0	130/120
1.6	0.40 - 3.0	0.76 x 0.73 x 8	42	1.6	0	200/80
2.0	0.40 - 3.5	0.84 x 0.80 x 8	42	2.0	0	200/80
3.0	0.40 - 3.5	1.02 x 0.88 x 8	42	3.0	0	200/80
3.8	0.60 - 3.5	1.02 x 0.88 x 8	42	3.8	0	200/80

* Within working pressure range

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DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	MAXIMUM FLUSHING PRESSURE (BAR)	KD
12125	11.8	0.31	12.42	2.5	2.9	1.35
12150	11.8	0.38	12.56	3.0	3.5	1.35
12200	11.8	0.50	12.80	3.0*	3.9	1.35
12250	11.8	0.63	13.06	3.0*	3.9	1.35
16125	16.2	0.31	16.82	1.8	2.1	0.40
16150	16.2	0.38	16.96	2.2	2.5	0.40
16200	15.5	0.50	16.50	2.5	3.3	0.40
16250	15.5	0.63	16.76	2.8	3.6	0.40
22135	22.2	0.34	22.88	1.5	1.7	0.18
22150	22.2	0.38	22.96	1.8	2.1	0.18
22250	22.2	0.63	23.46	2.5	2.9	0.18
25135	25.0	0.34	25.68	1.2	1.4	0.04
25150	25.0	0.38	25.76	1.4	1.6	0.04
25250	25.0	0.63	26.26	2.0	2.3	0.04

*Maximum working pressure is defined by the dripper and not by the dripperline wall thickness

DRIPPERLINES PACKAGE DATA (ON CARTON COILS)

MODEL	WALL THICKNESS (MM)	COIL LENGTH (M)	DISTANCE BETWEEN DRIPPERS (M)	AVERAGE* COIL WEIGHT (KG)	COILS PER PALLET (UNITS)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (M)
12125	0.31	900	0.10 to 0.19	14.3	12	480	432000
		1000	0.20 to 0.35	13.6			480000
		1000	0.40 to 1.00	13.0			480000
12150	0.38	600	0.10 to 0.19	11.1	12	480	288000
		700	0.20 to 0.35	11.3			336000
		700	0.40 to 1.00	10.9			336000
12200	0.50	650	0.10 to 0.19	14.9	12	480	312000
		750	0.20 to 0.35	15.4			360000
		850	0.40 to 1.00	17.4			408000
12250	0.63	600	0.10 to 0.19	16.7	12	480	288000
		700	0.20 to 0.35	17.8			336000
		800	0.40 to 1.00	19.9			384000
16125	0.31	1150	0.10 to 0.19	24.0	12	480	544000
		1300	0.20 to 0.35	23.9			608000
		1500	0.40 to 1.00	26.5			704000
16150	0.38	900	0.10 to 0.19	21.2	12	480	416000
		1000	0.20 to 0.35	21.1			480000
		1200	0.40 to 1.00	25.6			576000
16200	0.50	750	0.10 to 0.19	19.9	12	480	360000
		800	0.20 to 0.35	19.6			384000
		850	0.40 to 1.00	19.1			408000
16250	0.63	700	0.10 to 0.19	26.5	12	480	336000
		800	0.20 to 0.35	26.9			384000
		800	0.40 to 1.00	26.1			384000
22135	0.34	750	0.10 to 0.19	22.1	12	480	360000
		800	0.20 to 0.35	21.6			384000
		950	0.40 to 1.00	24.5			456000
22150	0.38	650	0.10 to 0.19	21.1	12	480	312000
		750	0.20 to 0.35	22.4			360000
		850	0.40 to 1.00	24.4			408000
22250	0.63	450	0.10 to 0.19	26.6	12	480	216000
		500	0.20 to 0.35	28.0			240000
		500	0.40 to 1.00	27.4			240000
25135	0.34	550	0.10 to 0.19	16.7	12	480	264000
		700	0.20 to 0.35	19.6			336000
		700	0.40 to 1.00	19.2			336000
25150	0.38	450	0.10 to 0.19	15.0	12	480	216000
		600	0.20 to 0.35	18.7			288000
		600	0.40 to 1.00	18.3			288000
25250	0.63	450	0.10 to 0.19	20.9	12	480	192000
		500	0.20 to 0.35	25.0			240000
		500	0.40 to 1.00	24.7			240000

* According to drippers spacing

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