



DRIPNET PC™ TWD & MWD

COMPACT INTEGRAL PRESSURE-COMPENSATING,
CONTINUOUSLY SELF-CLEANING DRIPPER

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

APPLICATIONS

On-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.
- 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 which allows reduction in filtration requirements, and increasing 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).
- 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)
0.4	0.25 - 2.5	0.46 x 0.52 x 26	29	0.4	0	130/120
0.6	0.25 - 2.5	0.52 x 0.60 x 22	39	0.6	0	130/120
1.0	0.40 - 3.0	0.61 x 0.60 x 8	39	1.0	0	130/120
1.6	0.40 - 3.0	0.76 x 0.73 x 8	39	1.6	0	200/80
2.0	0.40 - 3.5	0.84 x 0.80 x 8	39	2.0	0	200/80
3.0	0.40 - 3.5	1.02 x 0.88 x 8	39	3.0	0	200/80
3.8	0.60 - 3.5	1.02 x 0.88 x 8	39	3.8	0	200/80

* Within working pressure range

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	1000	0.15	17.5	12	480	480000
		1100	0.20 to 0.25	16.3			528000
		1200	0.30 to 1.00	15.6			576000
12150	0.38	800	0.10 to 0.19	14.8	12	480	384000
		900	0.20 to 0.35	14.5			432000
		900	0.40 to 1.00	14.0			432000
12200	0.50	750	0.10 to 0.19	17.1	12	480	360000
		850	0.20 to 0.35	17.4			408000
		850	0.40 to 1.00	16.9			408000
12250	0.63	650	0.15	19.5	12	480	312000
		700	0.20 to 0.25	20.4			336000
		800	0.30 to 1.00	19.1			384000
16125	0.31	1200	0.10 to 0.19	25.0	12	480	576000
		1350	0.20 to 0.35	24.8			648000
		1500	0.40 to 1.00	26.5			720000
16150	0.38	950	0.10 to 0.19	23.3	12	480	456000
		1100	0.20 to 0.35	24.2			528000
		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	750	0.10 to 0.19	26.5	12	480	360000
		800	0.20 to 0.35	26.9			384000
		800	0.40 to 1.00	26.1			384000
22135	0.34	800	0.10 to 0.19	23.5	12	480	384000
		850	0.20 to 0.35	22.9			408000
		950	0.40 to 1.00	24.5			456000
22150	0.38	700	0.10 to 0.19	22.6	12	480	336000
		800	0.20 to 0.35	23.8			384000
		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	650	0.10 to 0.19	19.3	12	480	312000
		800	0.20 to 0.35	20.0			384000
		800	0.40 to 1.00	20.9			384000
25150	0.38	550	0.10 to 0.19	19.4	12	480	264000
		700	0.20 to 0.35	20.0			336000
		700	0.40 to 1.00	22.2			336000
25250	0.63	450	0.10 to 0.19	24.4	12	480	216000
		500	0.20 to 0.35	26.2			240000
		500	0.40 to 1.00	25.4			240000

* According to drippers spacing