

DripNet PC™ TWD & MWD

Compact integral pressure-compensated,
continuously self-flushing
mechanism dripper

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



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 along the laterals.
- **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.
- **Wide filtration area** Makes DripNet PC™ highly resistant to clogging with poor quality water, thus increasing filtration efficiency.
- **TurboNet™** Labyrinth ensures wide water passages, to increase flushing efficiency. The water is drawn into the dripper from the stream center, preventing the entrance of sediments into the drippers.

/ Specifications

- ✓ Pressure-compensated range: 0.25/ 0.40/ 0.60-2.5/ 3.0/ 3.5 bar (according to flow rate model & driplines wall-thickness).
- ✓ Recommended filtration: depending on dripper flow rate. 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 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 thin and medium wall driplines (0.31, 0.34, 0.38, 0.50, 0.63 mm).
- ✓ Injected dripper, very low CV with injected silicon diaphragm.
- ✓ High UV resistant. Resistant to standard nutrients used in agriculture.
- ✓ DripNet PC™ driplines meet ISO 9261 Standards with Israel Standard Institute (SII)-certified production.

→ DRIPPERS TECHNICAL DATA

FLOW RATE* (L/H)	WORKING PRESSURE RANGE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM ²)	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

→ DRIPLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	MAXIMUM FLUSHING PRESSURE (BAR)	KD
12125	11.80	0.31	12.42	2.5	2.9	1.35
12150	11.80	0.38	12.56	3.0	3.5	1.35
12200	11.80	0.50	12.80	3.0	3.9	1.35
12250	11.80	0.63	13.06	3.0	3.9	1.35
16125	16.20	0.31	16.82	1.8	2.1	0.40
16150	16.20	0.38	16.96	2.2	2.5	0.40
16200	15.50	0.50	16.50	2.5	3.3	0.55
16250	15.50	0.63	16.76	2.8	3.6	0.55
22135	22.20	0.34	22.88	1.5	1.7	0.18
22150	22.20	0.38	22.96	1.8	2.1	0.18
22250	22.20	0.63	23.46	2.5	2.9	0.18
25135	25.00	0.34	25.68	1.2	1.4	0.04
25150	25.00	0.38	25.76	1.4	1.6	0.04
25250	25.00	0.63	26.26	2.0	2.3	0.04

→ **DRIPLINES PACKAGE DATA (ON CARTON COIL)**

MODEL	WALL THICKNESS (MM)	DISTANCE BETWEEN DRIPPERS (M)	COIL LENGTH (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	0.15 to 0.19	1000	17.5	12	480	480000
		0.20 to 0.25	1100	16.3			528000
		0.30 to 1.00	1200	15.6			576000
12150	0.38	0.15 to 0.19	800	14.8	12	480	384000
		0.20 to 0.35	900	14.5			432000
		0.40 to 1.00	900	14.0			432000
12200	0.50	0.15 to 0.19	750	17.1	12	480	360000
		0.20 to 0.35	850	17.4			408000
		0.40 to 1.00	850	16.9			408000
12250	0.63	0.15 to 0.19	650	19.5	12	480	312000
		0.20 to 0.25	700	20.4			336000
		0.30 to 1.00	800	19.1			384000
16125	0.31	0.15 to 0.19	1000	20.3	12	480	480000
		0.20 to 0.35	1150	21.3			552000
		0.40 to 1.00	1300	22.7			624000
16150	0.38	0.15 to 0.19	950	23.3	12	480	456000
		0.20 to 0.35	1100	24.2			528000
		0.40 to 1.00	1200	25.6			576000
16200	0.50	0.15 to 0.19	750	19.9	12	480	360000
		0.20 to 0.35	800	19.6			384000
		0.40 to 1.00	850	19.1			408000
16250	0.63	0.15 to 0.19	750	26.5	12	480	360000
		0.20 to 0.35	800	26.9			384000
		0.40 to 1.00	800	26.1			384000
22135	0.34	0.15 to 0.19	800	23.5	12	480	384000
		0.20 to 0.35	850	22.9			408000
		0.40 to 1.00	950	24.5			456000
22150	0.38	0.15 to 0.19	700	22.6	12	480	336000
		0.20 to 0.35	800	23.8			384000
		0.40 to 1.00	850	24.4			408000
22250	0.63	0.15 to 0.19	450	26.6	12	480	216000
		0.20 to 0.35	500	28.0			240000
		0.40 to 1.00	500	27.4			240000
25135	0.34	0.15 to 0.19	650	19.3	12	480	312000
		0.20 to 0.35	800	20.0			384000
		0.40 to 1.00	800	20.9			384000
25150	0.38	0.15 to 0.19	550	19.4	12	480	264000
		0.20 to 0.35	700	20.0			336000
		0.40 to 1.00	700	22.2			336000
25250	0.63	0.15 to 0.19	450	24.4	12	480	216000
		0.20 to 0.35	500	26.2			240000
		0.40 to 1.00	500	25.4			240000

* Calculated weight average.
For further details see "Average Coil Weight Disclaimer".

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