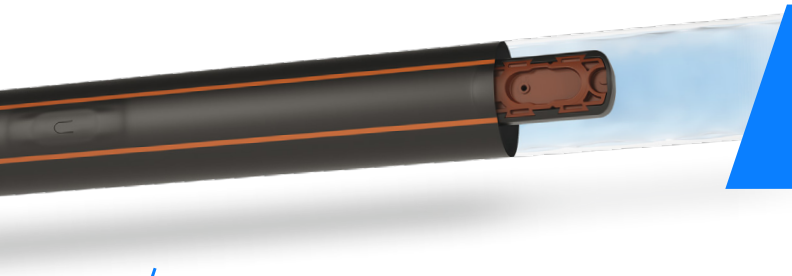
DripNet PC™ AS XR TWD & MWD

Compact integral pressure-compensated, continuously self-flushing, anti-siphon mechanism with improved resistance to root intrusion dripper for semi permanent applications

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



Root intrusion protection

Pressure-compensated

Anti-Siphon mechanism

Benefits & Features

→ Physical root barrier	Drippers are protected against root intrusion better than all other options, utilizing a patented root inhibitor within the dripper cover that prevents root intrusion into the dripper labyrinth. Better protection against root intrusion without reliance on chemicals. Long lasting protection due to non migrating active ingredients embedded in the dripper cover.
→ 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.
→ Anti-Siphon mechanism	Prevents contaminants from being drawn into the dripper, making it ideal for sub surface applications.
→ 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.

NETAFIM™
GROW MORE WITH LESS

→ 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)
0.6	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

→ 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	900	14.3	12	480	432000
		0.20 to 0.35	1000	13.6			480000
		0.40 to 1.00	1000	13.0			480000
12150	0.38	0.15 to 0.19	600	11.1	12	480	288000
		0.20 to 0.35	700	11.3			336000
		0.40 to 1.00	700	10.9			336000
12200	0.50	0.15 to 0.19	650	14.9	12	480	312000
		0.20 to 0.35	750	15.4			360000
		0.40 to 1.00	850	17.4			408000
12250	0.63	0.15 to 0.19	600	16.7	12	480	288000
		0.20 to 0.35	700	17.8			336000
		0.40 to 1.00	800	19.9			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	900	21.2	12	480	432000
		0.20 to 0.35	1000	21.1			480000
		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	700	26.5	12	480	336000
		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	750	22.1	12	480	360000
		0.20 to 0.35	800	21.6			384000
		0.40 to 1.00	950	24.5			456000
22150	0.38	0.15 to 0.19	650	21.1	12	480	312000
		0.20 to 0.35	750	22.4			360000
		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	550	16.7	12	480	264000
		0.20 to 0.35	700	19.6			336000
		0.40 to 1.00	700	19.2			336000
25150	0.38	0.15 to 0.19	450	15.0	12	480	216000
		0.20 to 0.35	600	18.7			288000
		0.40 to 1.00	600	18.3			288000
25250	0.63	0.15 to 0.19	450	20.9	12	480	216000
		0.20 to 0.35	500	25.0			240000
		0.40 to 1.00	500	24.7			240000

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