



TYPHOON PLUS™

INTEGRAL DRIPPER

12080 - 12100 - 12125 - 12150 - 16080- 16100 - 16125 - 16150 - 22080
22100 - 22125 - 22135 - 22150 - 25080 - 25100 - 25125 - 25135 - 25150

APPLICATIONS

- Row crops and vegetables, multi seasonal irrigation.
- On or Semi permanent sub surface installations.

BENEFITS AND FEATURES

High & uniform yield year after year

- Innovative labyrinth - TurbuNext™ - with wide water passages, large deep and wide cross section, allows usage of harsh water while using regular filtration technologies.
- Wide filtration area that ensures optimal performance even under harsh water conditions.
The unique innovative labyrinth - TurbuNext™, with the wide filtration area allows reducing filtration requirements resulting in higher flushing efficiency, and waste of water and energy.
- Unique filter design, the water is drawn in to the dripper near the stream center, that prevents the entrance of sediments into the drippers.
- Typhoon Plus's exponent X is 0.45 meaning low variation between drippers along the lateral resulting in more uniform yield

Reliability & confidence

- The Typhoon Plus™ is manufactured according to the highest levels of quality control and assurance.
Complying with International Standard ISO 9261.
- Injection molded dripper construction, ensuring uniform drippers and very low CV.

SPECIFICATIONS

- 5 different flow rates.
- Maximum system pressure: according to dripperlines diameters and wall thickness.
- Recommended filtration: according to dripper flow rate.
Filtration method to be selected based on the kind and concentration of the contaminants existing in the water.
Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclon should be installed before the main filter.
When sand / silt / clay exceed 100 ppm, pre-treatment should be applied according to Netafim™ expert team's instructions.
- Wide range of diameters and wall thicknesses.
Diameter: from 12.0 to 25.0 mm.
Wall thickness: from 0.20 to 0.40 mm (8 to 15 mil).
- Injected dripper, very low CV.
- High UV resistant.
- Resistant to standard nutrients used in agricultural.

DRIPPERS TECHNICAL DATA

FLOW RATE* (L/H)	MAXIMUM WORKING PRESSURE** (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM ²)	CONSTANT K	EXPONENT X	RECOMMENDED FILTRATION (MICRON)/(MESH)
0.50	0.6 up to 3.0	0.45 x 0.45 x 34	21	0.177	0.45	130/120
0.70		0.52 x 0.51 x 34	22	0.247	0.45	130/120
1.00		0.60 x 0.59 x 34	24	0.355	0.45	200/80
1.60		0.66 x 0.63 x 18	24	0.567	0.45	200/80
2.20		0.77 x 0.72 x 18	24	0.780	0.45	200/80

*Flow rate at 1.0 bar pressure ** According to dripperlines diameter and wall thickness

DRIPPERLINES TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	MAX. FLUSHING PRESSURE (BAR)	KD
12080	11.80	0.20	12.20	1.7	2.0	0.20
12100	11.80	0.25	12.30	2.0	2.3	0.20
12125	11.80	0.31	12.42	2.5	2.9	0.20
12150	11.80	0.38	12.56	3.0	3.5	0.20
16080	16.20	0.20	16.60	1.0	1.2	0.10
16100	16.20	0.25	16.70	1.4	1.6	0.10
16125	16.20	0.31	16.82	1.8	2.1	0.10
16150	16.20	0.38	16.96	2.2	2.5	0.10
22080	22.20	0.20	22.60	0.8	0.9	0.02
22100	22.20	0.25	22.70	1.1	1.3	0.02
22125	22.20	0.31	22.82	1.4	1.6	0.02
22135	22.20	0.34	22.88	1.5	1.7	0.02
22150	22.20	0.38	22.96	1.8	2.1	0.02
25080	25.00	0.20	25.40	0.6	0.7	0.01
25100	25.00	0.25	25.50	0.8	0.9	0.01
25125	25.00	0.31	25.62	1.0	1.2	0.01
25135	25.00	0.34	25.68	1.2	1.4	0.01
25150	25.00	0.38	25.76	1.4	1.6	0.01

DRIPPERLINES PACKAGE DATA (ON CARTON COILS)

MODEL	WALL THICKNESS (MM)	DISTANCE BETWEEN DRIPPERS (M)	COIL LENGTH (M)	AVERAGE* COIL WEIGHT (KG)	COILS P/PALLET (UNITS)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (M)
12080	0.20	0.15 to 0.25	2500	21.4	16	640	1600000
		0.30 to 1.00	2800	22.9			1792000
12100	0.25	0.15 to 0.25	1800	18.9	16	640	1152000
		0.30 to 1.00	2000	20.2			1280000
12125	0.31	0.15 to 0.25	1200	15.6	16	640	768000
		0.30 to 1.00	1300	16.3			832000
12150	0.38	0.15 to 0.25	1100	17.2	16	640	704000
		0.30 to 1.00	1100	16.8			704000
16080	0.20	0.15 to 0.25	2400	26.9	16	640	1536000
		0.30 to 1.00	2500	27.1			1600000
16100	0.25	0.15 to 0.25	1900	26.2	16	640	1216000
		0.30 to 1.00	2000	26.9			1280000
16125	0.31	0.15 to 0.25	1350	26.2	16	640	864000
		0.30 to 1.00	1600	26.5			1024000
16150	0.38	0.15 to 0.25	1200	26.5	16	640	768000
		0.30 to 1.00	1300	26.0			832000
22080	0.20	0.15 to 0.25	1500	26.9	16	640	960000
		0.30 to 1.00	1700	27.6			1088000
22100	0.25	0.15 to 0.25	1200	25.8	16	640	768000
		0.30 to 1.00	1500	27.1			960000
22125	0.31	0.15 to 0.25	1100	27.1	16	640	704000
		0.30 to 1.00	1200	26.7			768000
22135	0.34	0.15 to 0.25	1100	27.2	16	640	704000
		0.30 to 1.00	1100	26.8			704000
22150	0.38	0.15 to 0.25	1000	27.6	16	640	640000
		0.30 to 1.00	1000	27.2			640000
25080	0.20	0.15 to 0.25	1600	26.2	16	640	1024000
		0.30 to 1.00	1700	27.7			1088000
25100	0.25	0.15 to 0.25	1300	26.8	16	640	832000
		0.30 to 1.00	1300	26.3			832000
25125	0.31	0.15 to 0.25	1000	25.4	16	640	640000
		0.30 to 1.00	1100	27.4			704000
25135	0.34	0.15 to 0.25	900	25.0	16	640	576000
		0.30 to 1.00	1000	27.3			640000
25150	0.38	0.15 to 0.25	900	27.7	16	640	576000
		0.30 to 1.00	900	27.4			576000

*According to drippers spacing