



SUPER TYPHOON™

INTEGRAL DRIPPER

12125 - 12150 - 12200 - 12250 - 16080
16100 - 16125 - 16150 - 16200 - 16250

APPLICATIONS:

On-surface multi seasonal row crops.

SPECIFICATIONS:

- Recommended filtration: 130 micron / 120 mesh.
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 Hydro-cyclone filter 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 (0.20, 0.25, 0.31, 0.38, 0.50, 0.63 mm).
- Injected dripper, very low CV.
- UV resistant. Resistant to standard nutrients used in agricultural.
- Super Typhoon™ drippers meet ISO 9261 Standards with production certified by the Israel Standards Institute (SII).

FEATURES AND BENEFITS:

- Largest filter in each dripper. Wide filtration area to ensure optimal performance.
- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance.
Widest water passages within the dripper.
- The water is drawn in to the dripper from the stream center, preventing the entrance of sediments in to the drippers.
- Injection molded dripper construction, ensuring uniform drippers and very low CV.

DRIPPERS TECHNICAL DATA

16080 - 0.20 mm wall thickness dripperlines

FLOW RATE* (L/H)	MAX. WORKING PRESSURE** (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM)	FILTRATION AREA (MM ²)	CONSTANT K	EXPONENT X	RECOMMENDED FILTRATION (MICRON)/(MESH)
0.80	1.0	0.64 x 0.39 x 23	29	0.284	0.45	130/120
1.10	1.0	0.64 x 0.50 x 23	29	0.390	0.45	130/120
1.65	1.0	0.79 x 0.60 x 23	34	0.546	0.48	130/120
2.70	1.0	0.89 x 0.85 x 23	34	0.894	0.48	130/120

* Flow rate at 1.0 bar pressure

16100 - 0.25 mm wall thickness dripperlines

0.80	1.2	0.64 x 0.39 x 23	29	0.284	0.45	130/120
1.10	1.2	0.64 x 0.50 x 23	29	0.390	0.45	130/120
1.60	1.2	0.79 x 0.60 x 23	34	0.529	0.48	130/120
2.70	1.2	0.89 x 0.85 x 23	34	0.894	0.48	130/120

* Flow rate at 1.0 bar pressure

12125, 16125 - 0.31 mm wall thickness dripperlines

0.80	2.5/1.8	0.64 x 0.39 x 23	29	0.284	0.45	130/120
1.10	2.5/1.8	0.64 x 0.50 x 23	29	0.390	0.45	130/120
1.60	2.5/1.8	0.79 x 0.60 x 23	34	0.529	0.48	130/120
2.70	2.5/1.8	0.89 x 0.85 x 23	34	0.894	0.48	130/120

*Flow rate at 1.0 bar pressure **According to dripperlines inside diameter

12150, 16150 - 0.38 mm wall thickness dripperlines

0.80	3.0/2.2	0.64 x 0.39 x 23	29	0.284	0.45	130/120
1.05	3.0/2.2	0.64 x 0.50 x 23	29	0.373	0.45	130/120
1.65	3.0/2.2	0.79 x 0.60 x 23	34	0.546	0.48	130/120
2.70	3.0/2.2	0.89 x 0.85 x 23	34	0.894	0.48	130/120

*Flow rate at 1.0 bar pressure **According to dripperlines inside diameter

12200, 16200 - 0.50 mm wall thickness dripperlines

1.20	3.0 /2.5	0.64 x 0.50 x 23	29	0.425	0.45	130/120
1.80	3.0 /2.5	0.79 x 0.60 x 23	34	0.596	0.48	130/120
2.75	3.0 /2.5	0.89 x 0.85 x 23	34	0.910	0.48	130/120

*Flow rate at 1.0 bar pressure **According to dripperlines inside diameter

12250, 16250 - 0.63 mm wall thickness dripperlines

1.20	3.0/2.8	0.64 x 0.50 x 23	29	0.425	0.45	130/120
1.80	3.0/2.8	0.79 x 0.60 x 23	34	0.596	0.48	130/120
2.75	3.0/2.8	0.89 x 0.85 x 23	34	0.910	0.48	130/120

*Flow rate at 1.0 bar pressure **According to dripperlines inside diameter

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	0.25
12150	11.8	0.38	12.56	3.0	3.5	0.25
12200	11.8	0.50	12.80	3.0	3.9	0.25
12250	11.8	0.63	13.06	3.5	4.6	0.25
16080	16.2	0.20	16.60	1.0	1.2	0.10
16100	16.2	0.25	16.70	1.2	1.4	0.10
16125	16.2	0.31	16.82	1.8	2.1	0.10
16150	16.2	0.38	16.96	2.2	2.5	0.10
16200	15.5	0.50	16.50	2.5	3.3	0.10
16250	15.5	0.63	16.76	2.8	3.6	0.10

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	1800	0.15 to 0.25	22.5	12	480	864000
		2000	0.30 to 1.00	24.1			960000
12150	0.38	1400	0.15 to 0.25	21.2	12	480	672000
		1500	0.30 to 1.00	22.0			720000
12200	0.50	800	0.15 to 0.25	19.4	12	480	384000
		900	0.30 to 1.00	21.0			432000
12250	0.63	650	0.15	17.5	12	480	312000
		700	0.20 to 0.25	17.0			336000
		800	0.30 to 1.00	19.2			384000
16080	0.20	2250	0.15 to 0.25	27.1	16	640	1440000
		2500	0.30 to 1.00	28.1			1600000
16100	0.25	1800	0.15 to 0.25	25.1	16	640	1152000
		2000	0.30 to 1.00	26.3			1280000
16125	0.31	1250	0.15 to 0.25	21.4	16	640	800000
		1500	0.30 to 1.00	24.3			960000
16150	0.38	1150	0.15 to 0.25	23.4	16	640	736000
		1250	0.30 to 1.00	24.5			800000
16200	0.50	1000	0.15 to 0.25	26.1	12	480	480000
		1100	0.30 to 1.00	28.0			528000
16250	0.63	800	0.15 to 0.25	25.9	12	480	384000
		900	0.30 to 1.00	28.0			432000

*According to drippers spacing