



STREAMLINE PLUS™

INTEGRAL DRIPPER

12060 - 12080 - 16055 - 16060 - 16080 - 22060 - 22070 - 22080

APPLICATIONS

Single season crops irrigation.

FEATURES AND BENEFITS

- Improved pipe design that achieves higher operating pressure, and product robustness.
- Wide filtration area to ensure optimal performance.
- 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. Injection molded dripper construction, ensuring uniform drippers and very low CV.
- Two orange stripes on the Streamline Plus™, which are clear and visible; show the dripper upward location in order to properly lay the laterals.

SPECIFICATIONS

- Streamline Plus™ dripperlines available in standard hole or flap outlet.
- 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 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.
- To be "welded" into a thin-walled dripperlines (0.14, 0.15, 0.18, 0.20 mm).
- Injected dripper, very low CV.
- UV resistant. Resistant to standard nutrients used in agricultural.
- Streamline Plus™ dripperlines meet ISO 9261 Standards with production certified by the Israel Standards Institute (SII).

DRIPPERS TECHNICAL DATA

0.14, 0.15, 0.18 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	0.8/0.9/1.0/1.6	0.59 x 0.33 x 25	12	0.265	0.48	130/120
1.10		0.51 x 0.44 x 13	14	0.392	0.45	130/120
1.60		0.65 x 0.55 x 13	15	0.568	0.45	130/120
2.20		0.72 x 0.65 x 13	15	0.780	0.45	130/120
2.80		0.84 x 0.73 x 13	15	0.993	0.45	200/80

* Flow rate at 1.0 bar pressure **According to dripperlines wall thicknesses and inside diameters

0.20 mm wall thickness dripperlines

0.72	0.7/1.0/1.2/1.9	0.59 x 0.33 x 25	12	0.238	0.48	130/120
1.05		0.51 x 0.44 x 13	14	0.373	0.45	130/120
1.60		0.65 x 0.55 x 13	15	0.568	0.45	130/120
2.20		0.72 x 0.65 x 13	15	0.780	0.45	130/120
2.80		0.84 x 0.73 x 13	15	0.993	0.45	200/80

* Flow rate at 1.0 bar **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
12060	11.80	0.15	12.10	1.6	1.8	0.15
12080	11.80	0.20	12.20	1.9	2.2	0.15
16055	16.20	0.14	16.48	0.9	1.0	0.10
16060	16.20	0.15	16.50	1.0	1.2	0.10
16080	16.20	0.20	16.60	1.4	1.6	0.10
22060	22.20	0.15	22.50	0.8	0.9	0.01
22070	22.20	0.18	22.56	0.9	1.0	0.01
22080	22.20	0.20	22.60	1.0	1.2	0.01

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)
12060	0.15	3500	0.15 to 0.25	22.1	16	640	2240000
		3500	0.30 to 1.00	21.2			2240000
12080	0.20	2800	0.15	24.0			1792000
		3000	0.20 to 0.25	24.5			1920000
		3000	0.30 to 1.00	23.8			1920000
16055	0.14	3200	0.15 to 0.25	24.5			2048000
		3500	0.30 to 1.00	25.6			2240000
16060	0.15	2600	0.15 to 0.25	21.5			1664000
		3000	0.30 to 1.00	24.0			1920000
16080	0.20	2200	0.15 to 0.25	23.7			1408000
		2500	0.30 to 1.00	26.3			1600000
22060	0.15	2200	0.15 to 0.25	23.5			1408000
		2400	0.30 to 1.00	26.0			1536000
22070	0.18	1800	0.15 to 0.25	23.7			1152000
		2000	0.30 to 1.00	25.8			1280000
22080	0.20	1600	0.15 to 0.25	23.6			1024000
		1800	0.30 to 1.00	25.6	1152000		

*According to drippers spacing

*All the above Streamline Plus™ dripperlines are packed on carton coils with 57 cm diameter and 24 cm spool width