



STREAMLINE™ X

INTEGRAL DRIPPER

12060 - 12080 - 16050 - 16060 - 16070
16080 - 22050 - 22060 - 22070 - 22080

APPLICATIONS

Single season crops irrigation.

BENEFITS AND FEATURES

The toughest thin-wall dripperline ever made:

- A unique ribbed surface acts as a barrier between the ground and the dripperline surface, making laying and recoiling smoother than ever before.
- Streamline™ X incorporate a reinforcing internal and external ribs that enhance the dripperline robustness that helps to protect the pipe from damages.
- Seamless construction increases dripperlines endurance.

Optimal uniformity and clog resistance:

- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section that improves clog resistance.
- Wide filtration area to ensure optimal performance.
- Water is drawn into the dripper from the stream center, preventing the entrance of sediments into the drippers.
- Injection molded dripper construction ensures uniform drippers and very low CV.

Technical benefits:

- Two clear and visible orange stripes mark the drippers upward position to ensure proper laying of the laterals.
- Directional arrows and marking on the package assist with easier installation and identification.

SPECIFICATIONS

- Streamline™ X 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 (0.13, 0.15, 0.18, 0.20 mm).
- Injected dripper, very low CV.
- UV resistant. Resistant to standard nutrients used in agricultural.
- Streamline™ X dripperlines meet ISO 9261 Standards with production certified by the Israel Standards Institute (SII).

DRIPPERS TECHNICAL DATA

0.13, 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	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	1.60	1.8	0.15
12080	11.80	0.20	12.20	1.90	2.2	0.15
16050	16.20	0.13	16.46	0.80	0.9	0.10
16060	16.20	0.15	16.50	1.00	1.2	0.10
16070	16.20	0.18	16.56	1.10	1.3	0.10
16080	16.20	0.20	16.60	1.20	1.4	0.10
22050	22.20	0.13	22.46	0.75	0.9	0.01
22060	22.20	0.15	22.50	0.80	0.9	0.01
22070	22.20	0.18	22.56	0.90	1.0	0.01
22080	22.20	0.20	22.60	1.00	1.2	0.01

*Nominal wall thickness definition is related to the pipe core and not to the ribs (where is thicker)

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
16050	0.13	3200	0.15 to 0.25	24.5			2048000
		3600	0.30 to 1.00	25.6			2304000
16060	0.15	2600	0.15 to 0.25	21.5			1664000
		3000	0.30 to 1.00	24.0			1920000
16070	0.18	2500	0.15 to 0.25	22.5			1600000
		2800	0.30 to 1.00	26.5			1792000
16080	0.20	2200	0.15 to 0.25	23.7			1408000
		2500	0.30 to 1.00	26.3			1600000
22050	0.13	2800	0.15 to 0.25	26.0			1792000
		3000	0.30 to 1.00	27.9			1920000
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		

* The average coil weight declared in the above table is based on average calculated weight.

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