

STREAMLINE™ X – TOUGH AND EFFICIENT



THIN WALL DRIPLINES

Dripper and dripline selection takes into account a variety of factors. The designer and/or farmer must determine which attributes are necessary for the crop and circumstances. The purpose is to maintain a balance between dripper cost and performance.

One of the attributes to consider is wall thickness and an aspect of a dripper's specification is whether it is to be used in heavy, medium or thin wall pipe. It all boils down to what your crop needs.

Thin wall driplines have a wall thickness of 0.4 mm or less. These driplines are specifically aimed to be used for one to three seasons on vegetables and certain field cash crops. It is also perfectly suited for temporary installation for strip wetting for germination.

Thin wall driplines are also the perfect solution in circumstances where a farmer may not have the capital outlay for the intended and preferred heavier wall dripline. A lower cost thinner wall can be initially used and upgraded to a heavy wall later once the crop has begun to bring in sufficient income.

Understanding the in-field challenge of damage to thin wall driplines when they are installed or retrieved,

Netafim set out to create an extremely robust thin wall dripline that would still uphold the high level of efficiency of Netafim products. Enter Streamline™ X.

CHECK IT OUT →



BENEFITS & FEATURES



EXTREMELY TOUGH

Streamline™ X is the toughest thin wall dripline ever made, it incorporates a unique ribbed surface that acts as a barrier between the ground and the dripline, making installation and retrieval easier than ever before.



ULTIMATE DURABILITY

Streamline™ X incorporates internal and external reinforcement ribs that enhances the dripline robustness and help protect the pipe from damages on the pipe surface and close to the dripper.



HIGH CLOGGING RESISTANCE

The dripper inside a Streamline™ X includes the latest dripper technology. The labyrinth design ensures optimal turbulence and holds self-cleaning capabilities to flush debris from the dripper.



WIDE FILTRATION AREA

The wide filtration area in a Streamline™ X drippers ensures optimal performance even under harsh water conditions by more efficiently preventing the entrance of sediments into the drippers.



TURBONET™ LABYRINTH

The patented TurboNet™ labyrinth ensures wide water passages as well as a large deep and wide cross section that improves clogging resistance in the dripper.

SPECIFICATIONS

- Recommended filtration: 130-micron disc filters (red discs). Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Where total suspended solids (TSS) exceed 150 ppm, pre-treatment shall be applied following Netafim expert instructions.
- TurboNet™ labyrinth with large water passage.
- Weldable into thin wall driplines (0.13, 0.15, 0.20mm).
- Injected dripper, very low CV.
- High UV resistant. Resistant to standard nutrients used in agriculture.
- Two clear and visible orange stripes mark the drippers upward position to ensure proper laying of laterals.
- Streamline™ X driplines meet ISO 9261 Standards with Israel Standard Institute (SII)-certified production.

STREAMLINE™ X RANGE TECHNICAL DATA

16050, 16060 WITH 0.13, 0.15mm WALL THICKNESS

Nominal* flow rate (ℓ/h)	Max. working pressure (bar)**	Water passages dimensions			Filtration area (mm ²)	Constant K	Exponent x	Recommended filtration (Micron)
		Width (mm)	Depth (mm)	Length (mm)				
1.10	0.8 and 1.0	0.51	0.44	13	14	0.392	0.45	130
1.60		0.65	0.55	13	15	0.568	0.45	130

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

16080 WITH 0.20mm WALL THICKNESS

Nominal* flow rate (ℓ/h)	Max. working pressure (bar)**	Water passages dimensions			Filtration area (mm ²)	Constant K	Exponent x	Recommended filtration (Micron)
		Width (mm)	Depth (mm)	Length (mm)				
1.05	1.2	0.51	0.44	13	14	0.373	0.45	130
1.60		0.65	0.55	13	15	0.568	0.45	130

*Flow rate at 1.0 bar pressure **According to driplines' inside diameters

DRIPLINE TECHNICAL DATA -STREAMLINE™ X

Model	Inside diameter (mm)	Wall thickness (mm)	Outside diameter (mm)	Max.working pressure (bar)	Max. flushing pressure (bar)	KD
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
16080	16.20	0.31	16.60	1.20	1.4	0.10

DRIPLINE PACKAGE DATA -STREAMLINE™ X (ON COIL)

Model	Wall thickness (mm)	Dripper spacing (m)	Coil Length (m)	*Average Coil Weight (kg)	Coils per pallet (Units)	Coils in a 12m container (Units)	Total in a 12m container (m)
16050	0.13	0.30 - 1.00	3 600	25.6	16	640	2 304 000
16060	0.15	0.15 - 0.25	2 600	21.5	16	640	1 664 000
		0.30 - 1.00	3 000	24.0			1 920 000
16080	0.20	0.15 - 0.25	2 200	23.7	16	640	1 408 000
		0.30 - 1.00	2 500	26.3			1 600 000

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