

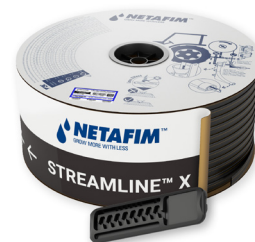
STREAMLINE™ X

THE TOUGHEST THIN WALL DRIPLINE EVER MADE



THIN WALL DRIPLINES

Streamline™ X is an integral non-pressure compensated durable dripline with high clogging resistance for single season applications. This extremely durable thin wall dripline is available in 0.15 and 0.20 mm wall thicknesses with 1.05, 1.1 and 1.6 l/h drippers.



/Benefits & Features

- **Extremely Tough** The toughest thin wall dripline ever made, the internal and external reinforcement ribs enhance dripline robustness and protect the pipe from damages.
- **High Clogging Resistance** The dripper includes the latest dripper technology. The labyrinth design ensures high turbulence and holds self-cleaning capabilities to flush debris from the dripper.
- **Wide Filtration Area** The wide dripper filtration area ensures optimal performance even under harsh water conditions by 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.
- **Local Manufacturing** Streamline™ X driplines are extruded locally in South Africa, holding a range of benefits around competitiveness, product flexibility and stock availability.

/Specifications

- ✓ Streamline™ X driplines are available with hole or flap outlet.
- ✓ Maximum operating pressure according to driplines wall thickness and diameter. See technical data.
- ✓ Recommended filtration: depending on dripper flow rate. Filtration method selected based on the kind and concentration of dirt particles contained in the water. Wherever sand exceeding 2 ppm exists in the water, a Hydrocyclone shall be installed before the main filter. Where sand/silt/clay solids exceed 100 ppm, pre-treatment shall be applied following Netafim expert instructions.
- ✓ TurboNet™ labyrinth with large water passage.
- ✓ Weldable into thin wall driplines (0.15 and 0.20 mm).
- ✓ 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.
- ✓ Streamline™ X driplines complies with ISO 9261 standards.

/Technical Data

16060 WITH 0.15 mm WALL THICKNESS									
Flow rate* (ℓ/h)	Max. working pressure (bar)**	Water passages dimensions			Filtration area (mm²)	Constant K	Exponent X	Recommended filtration (micron)	Turbulence coefficient K
		Width (mm)	Depth (mm)	Length (mm)					
1.10	1.0	0.51	0.44	13	14	0.392	0.45	130	7.79
1.60		0.65	0.55	13	15	0.568	0.45	130	9.14

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

16080 WITH 0.20 mm WALL THICKNESS									
Flow rate* (ℓ/h)	Max. working pressure (bar)**	Water passages dimensions			Filtration area (mm²)	Constant K	Exponent X	Recommended filtration (micron)	Turbulence coefficient K
		Width (mm)	Depth (mm)	Length (mm)					
1.05	1.2	0.51	0.44	13	14	0.373	0.45	130	7.79
1.60		0.65	0.55	13	15	0.568	0.45	130	9.14

*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
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

/Impact in the Field

The irrigation industry is seeing a global phenomenon that farmers are shifting to increased use of thin wall driplines. 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.

Netafim prioritises the needs of our end-users and it is therefore important for us to adapt to market trends in order to supply the industry with what it needs in the field.

Streamline™ X was first launched in 2019, and since 2023 it is manufactured locally by Netafim South Africa in our Cape Town plant. We know that farmers do not have the time to treat driplines with kid gloves. In the field, you need irrigation equipment that does the job and survives the often tough conditions.

Understanding the in-field challenge faced by farmers as thin wall driplines would often damage when they are installed or retrieved, Netafim developed this dripline so that we can supply the market with an extremely robust thin wall dripline that would still uphold the high level of efficiency of Netafim products. The toughness of Streamline™ X can be attributed the longevity of the dripper on the one hand, and the durability of the dripline on the other hand.

