

Streamline™ X ReGen™



The Streamline™ X ReGen™ contains recycled material and meets current global sustainability goals without compromising quality. Using recycled material (up to 40%) prevents waste and preserves new material. Thereby it reduces energy consumption and limits potential pollution in relation to the extraction and production of raw materials.

Netafim Streamline X ReGen is a thin walled tape dripline for annual or biennial use. Compared to his predecessor Streamline X has been greatly improved. Tensile strength has been vast improved by adding internal and external ribs. This has a great advantage when inserting or retrieving dripline from the field. Also winching from the main pathway is now possible. The added ribs also provide extra strength and makes the dripline less vulnerable for damage from bites or sharp objects in the soil.

Streamline X ReGen is produced using extrusion which makes the line perfectly round when under pressure. The dripline is now experiencing less head loss and is much stronger. This will result in the application of much longer lines. Streamline X is equipped with a TurboNet injection moulded dripper, inlet filter and has a large passage. This results in more accuracy and less sensitivity to clogging. Streamline X is non pressure compensated, non self closing and so frost resistant. Streamline X ReGen supplied with a drip opening (HL).

Streamline X ReGen dripline is standardly equipped with a Flap (FL).

The **FL Flap version** has a special cut-out in the wall of the dripline at the water outlet. This cut-out forms a physical barrier against root intrusion and also helps keep the emitters clean by preventing the ingress of sand and soil. It can be recognized by "FL" in the description.

The older HL Hole version (used until 2025), on the other hand, has an open drip outlet in the form of a hole. It can be recognized by "HL" in the description. The characteristics of the HL version are identical to those of the FL version.

APPLICATION

Streamline X ReGen is mainly applied in annual or biennial crops, indoor and outdoor, like strawberries, asparagus, cut flowers and bulbs. And also in single season open field crops like potatoes, corn and onions. In outdoor crops the Streamline X ReGen is usually applied below the ground cover or just below the surface. On the ridge as well as in between.

CHARACTERISTICS

- ✓ Composition of recycled material
- ✓ Available in very low flow rate (0.35 l/h)
- ✓ Standardly equipped with a Flap (FL) outlet
- ✓ Thin wall dripline
- ✓ High tensile strength
- ✓ Provided with inlet filter
- ✓ Injection moulded drippers with big water passage
- ✓ Non pressure compensated
- ✓ Non self closing and frost protected
- ✓ UV resistant
- ✓ ISO 9261 norm

TECHNICAL DATA

Dripline size (dia x wt)		16 x 0.2 mm		16 x 0.2 mm		22 x 0.2 mm		22 x 0.25
		16080		16080		22080		22100
Flow rate (1.0 bar)	l/h	0.35		1.05		0.35		1.05
Working pressure	bar	1.2		1.2		1.0		1.1
Maximum flushing pressure	bar	1.4		1.4		1.2		1.3
Flow rate @ max pressure	l/h	0.39		1.1		0.35		1.1
Filtration (valve)	micron	130		130		130		130
Filtration (mainstream)	micron	80		80		80		80
Dripper interval	cm	20	30	20	30	20	30	30
Max. length*	m	209	278	108	144	383	498	255
Length per coil	m	2200	2500	2200	2500	1600	1800	1500

* @10% flow variation, level surface area and maximum inlet/working pressure

Flow rate (l/h) vs. working pressure (bar)

Dripline diameter	Dripper	Working pressure (bar)								
		0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
16 x 0.2 mm	0.35	0.20	0.22	0.25	0.27	0.29	0.31	0.33	0.35	0.37
16 x 0.2 mm	1.05	0.61	0.70	0.77	0.84	0.90	0.95	1.00	1.05	1.10
22 x 0.2 mm	0.35	0.20	0.22	0.25	0.27	0.29	0.31	0.33	0.35	0.37
22 x 0.25 mm	1.05	0.61	0.70	0.77	0.84	0.90	0.95	1.00	1.05	1.10

INSTALLATION & MAINTENANCE

- ✓ Before installation, always read the enclosed instructions regarding, among other things, driving speed and maximum pressure
- ✓ Recommended filtration degree for valve section filtration is 80 or 130 microns for Streamline X ReGen (see technical data table).
- ✓ The correct filtration degree is highly dependent on the available water quality and flow rate of drip lines (and thus the size of the internal labyrinth). If in doubt, please contact Netafim Netherlands.
- ✓ Fast ring couplings are used for assembling Streamline X ReGen Ø16 and Ø22 mm
- ✓ Flap covering drip outlet (FL) is not available for drippers with flow rates 2.2 l/h and 2.8 l/h.
- ✓ To prevent excessively high operating pressure, Netafim PRV2000 pressure regulators (0.8 or 1.1 bar) are recommended for installation in valve sections (see technical data table).
- ✓ See also the general usage advice for tips during storage, installation and use.
- ✓ Please note: because in outdoor cultivation there is always a risk that lightweight driplines, such as Streamline X ReGen are carried away by windy conditions, these driplines are often placed under foil, or inserted below the ground surface.