

Streamline™ 16100

For use in row crops irrigation

- Superior TurboNet™ flow regime
- Wide filtration area
- Optional “flap” outlet to improve start up clogging and prevent suck-back
- Wide cross-section improves clogging resistance



Streamline™ facets



Internal emitter protected from mechanical damage.
Low sensitivity to high water temperature
Injected molded drippers construction ensuring uniform drippers and very low CV



Large filtration area to ensure optimal performance even under harsh water conditions



Large, wide, deep and short flow path cross-section, to minimize clogging and ensure exact flow rate in all conditions

Drippers technical data

Nominal flow rate* (l/h)	water passages width-depth-length (mm)	filtration area (mm ²)	coefficient K	exponent X
0.72	0.58 x 0.33 x 25	14	0.238	0.48
1.05	0.51 x 0.42 x 13	15	0.373	0.45
1.60	0.66 x 0.55 x 13	17	0.568	0.45

* At 1.0 bar

Drippers flow vs. pressure

Model Nominal flow rate*	0.60	0.70	0.80	0.90	1.00
0.72	0.56	0.61	0.65	0.68	0.72
1.05	0.84	0.90	0.95	1.00	1.05
1.60	1.27	1.36	1.45	1.53	1.60

* At 1.0 bar

Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
16100	16.10	0.25	16.60	1.00	0.10

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Performance Data

Streamline™ 16100 • I.D. Ø 16.10 mm • Inlet pressure: 1.00 bar • Nominal Flow rate 0.72 l/h
Max. lateral length (m) at 10% flow variation • spacing between drippers (m)

	Slope %	0.2	0.3	0.4	0.5	0.6	0.75
	Uphill	-2	76	85	90	93	95
-1		100	122	137	148	157	166
0		130	173	210	245	276	320
Downhill	1	171	240	280	191	155	143
	2	185	111	95	91	89	89

Streamline™ 16100 • I.D. Ø 16.10 mm • Inlet pressure: 1.00 bar • Nominal Flow rate 1.05 l/h
Max. lateral length (m) at 10% flow variation • spacing between drippers (m)

	Slope %	0.2	0.3	0.4	0.5	0.6	0.75
	Uphill	-2	69	81	88	92	95
-1		85	106	121	134	143	155
0		103	137	166	194	218	253
Downhill	1	117	161	202	240	277	329
	2	128	180	227	273	300	269

Streamline™ 16100 • I.D. Ø 16.10 mm • Inlet pressure: 1.00 bar • Nominal Flow rate 1.60 l/h
Max. lateral length (m) at 10% flow variation • spacing between drippers (m)

	Slope %	0.2	0.3	0.4	0.5	0.6	0.75
	Uphill	-2	58	70	78	84	88
-1		68	86	100	112	121	134
0		78	104	127	148	167	193
Downhill	1	87	119	148	176	202	240
	2	94	131	165	197	228	273

For more information, please contact Netafim Technical Department or connect to our website at : www.netafim.com

Packaging Data

Streamline™	Wall thickness	Distance between drippers	Coil length	Average coil weight*	Number of coils in a pallet	Average pallet weight*	Coils in a 40 feet container	Total in a 40 feet container
on carton coils	(mm.)	(meter)	(meter)	(kg.)	(units)	(kg)	(units)	(meter)
16100	0.25	0.15 to 0.25	1800	23.6	20	481	800	1440000
		0.30 to 0.75	2000	25.9	20	527	800	1600000

*According to drippers spacing

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