

# Streamline™ 12080

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 <sup>2</sup> )	coefficient K	exponent X
0.72	0.58 x 0.33 x 25	14	0.265	0.48
1.05	0.51 x 0.42 x 13	15	0.392	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	0.80	1.00	1.20	1.40
0.72	0.56	0.65	0.72	0.78	0.84
1.05	0.84	0.95	1.05	1.14	1.22
1.60	1.27	1.45	1.60	1.74	1.86

\* At 1.0 bar

## Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
12080	11.80	0.20	12.20	1.40	0.15

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## Performance Data

**Streamline™ 12080 • I.D. Ø 11.8 mm • Inlet pressure: 1.40 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	86	119	150	179	206
-1		81	110	136	162	185	220
0		74	98	120	140	157	182
Downhill	1	66	84	99	112	122	136
	2	58	71	81	88	94	100

**Streamline™ 12080 • I.D. Ø 11.8 mm • Inlet pressure: 1.40 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	66	91	114	136	156
-1		62	85	105	124	142	167
0		58	77	94	110	124	144
Downhill	1	53	69	81	93	102	115
	2	48	60	70	77	83	90

**Streamline™ 12080 • I.D. Ø 11.8 mm • Inlet pressure: 1.40 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	49	67	84	100	115
-1		47	64	78	93	106	125
0		44	59	72	84	95	110
Downhill	1	41	54	64	74	82	92
	2	39	49	57	64	70	77

For more information, please contact Netafim Technical Department or connect to our website at : [www.netafim.com](http://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)
12080	0.20	0.15 to 0.25 0.30 to 0.75	2800 3000	24.0 25.3	20 20	489 515	800 800	2240000 2400000

\*According to drippers spacing

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