

Streamline™ 22100

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)	Maximum working pressure (bar)	Flow rate at max working pressure (l/h)	water passages width-depth-length (mm)	filtration area (mm ²)	coefficient K	exponent X
0.72	0.80	0.65	0.58 x 0.33 x 25	14	0.238	0.48
1.05	0.80	0.95	0.51 x 0.42 x 13	15	0.373	0.45
1.60	0.80	1.45	0.66 x 0.55 x 13	17	0.568	0.45

* At 1.0 bar

Drippers flow vs. pressure

Nominal flow rate*	0.40	0.50	0.60	0.70	0.80
0.72	0.46	0.52	0.56	0.61	0.65
1.05	0.70	0.77	0.84	0.90	0.95
1.60	1.06	1.17	1.27	1.36	1.45

* At 1.0 bar

Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
22100	22.20	0.25	22.70	0.80	0.01

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Performance Data

Streamline™ 22100 • I.D. Ø 22.20 mm • Inlet pressure: 0.80 bar • Nominal Flow rate 0.65 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	154	132	127	124	123
-1		337	462	517	445	302	273
0		252	328	395	456	513	591
Downhill	1	142	156	164	169	172	175
	2	86	88	89	89	89	90

Streamline™ 22100 • I.D. Ø 22.20 mm • Inlet pressure: 0.80 bar • Nominal Flow rate 0.95 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	275	173	147	140	138
-1		255	348	434	516	552	516
0		201	261	314	363	408	470
Downhill	1	131	149	161	168	173	178
	2	86	91	93	93	94	94

Streamline™ 22100 • I.D. Ø 22.20 mm • Inlet pressure: 0.80 bar • Nominal Flow rate 1.45 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	211	275	249	161	148
-1		187	253	315	374	430	512
0		154	200	241	277	312	360
Downhill	1	111	131	143	153	160	168
	2	80	86	89	91	92	93

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

Packaging Data

Streamline™ on carton coils	Wall thickness (mm.)	Distance between drippers (meter)	Coil length (meter)	Average coil weight* (kg.)	Number of coils in a pallet (units)	Average pallet weight* (kg)	Coils in a 40 feet container (units)	Total in a 40 feet container (meter)
22100	0.25	0.15 to 0.25	1200	22.0	20	449	800	960000
		0.30 to 0.75	1500	26.6	20	541	800	1200000

*According to drippers spacing

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