

Streamline™ 16080

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	0.85	0.66	0.58 x 0.33 x 25	14	0.238	0.48
1.05	0.85	0.98	0.51 x 0.42 x 13	15	0.373	0.45
1.60	0.85	1.49	0.66 x 0.55 x 13	17	0.568	0.45

* At 1.0 bar

Drippers flow vs. pressure

Nominal flow rate*	0.65	0.70	0.75	0.80	0.85
0.72	0.58	0.61	0.63	0.65	0.66
1.05	0.87	0.90	0.92	0.95	0.98
1.60	1.32	1.36	1.41	1.45	1.49

* At 1.0 bar

Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
16080	16.10	0.20	16.50	0.85	0.10

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Performance Data

Streamline™ 16080 • I.D. Ø 16.10 mm • Inlet pressure: 0.85 bar • Nominal Flow rate 0.66 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	76	79	81	82
-1		95	114	126	135	142	149
0		129	171	208	242	273	317
Downhill	1	156	216	272	325	376	450
	2	174	238	156	129	121	74

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	Slope %	0.2	0.3	0.4	0.5	0.6	0.75
	Uphill	-2	66	75	80	83	85
-1		84	102	116	128	136	147
0		104	138	168	196	223	256
Downhill	1	121	167	210	250	288	341
	2	133	187	237	268	241	157

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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	57	68	75	79	82
-1		68	86	99	109	118	129
0		80	107	131	151	169	197
Downhill	1	90	123	154	183	211	251
	2	98	137	172	207	239	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)
16080	0.20	0.15 to 0.25	2200	25.3	20	515	800	1760000
		0.30 to 0.75	2500	25.8	20	525	800	2000000

*According to drippers spacing

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