

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

DRIPPERS TECHNICAL DATA

Maximum working pressure (bar)	nominal flow rate at 1 bar (l/h)	flow rate at max. pressure (l/h)	water passage dimensions width-depth-length (mm)	filtration area (mm ²)	coefficient K	exponent X
1.00	0.72	0.72	0.58x0.47x26.0	13	0.238	0.48
	1.05	1.05	0.52x0.50x13.0	13	0.373	0.45
	1.60	1.60	0.67x0.65x13.0	15	0.568	0.45

DRIPPERS FLOW VS. PRESSURE

Flow rate (l/h) at pressure (bar)

Model	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

DRIPPERLINE TECHNICAL DATA

Model	inside Ø (mm)	wall thickness (mm)	outside Ø (mm)	max. working pressure (bar)	KD
16100	16.00	0.25	16.50	1.00	0.10

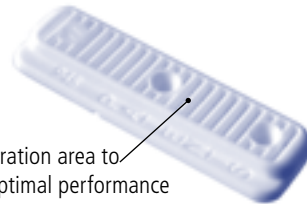
Streamline™ 16100 dripper



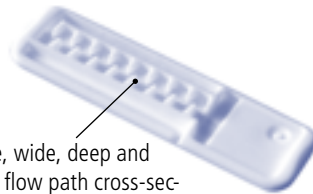
Internal emitter protected from mechanical damage
Low sensitivity to high water temperature

Streamline™ 16100 facets

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



THIN WALL DRIPPERLINES

Streamline™ 16100 • I.D. Ø 16.0 mm • Inlet pressure 1.00 bar • Flow rate at max. working pressure 0.72 l/h

Max. lateral length (m) at 15% flow variation / spacing between drippers (m)

Slope %		0.20	0.30	0.40	0.50	0.60	0.75
uphill	-2	99	114	123	129	132	136
	-1	124	153	174	191	205	221
	0	153	203	248	288	325	377
downhill	1	176	243	304	362	418	497
	2	194	271	342	410	421	404

Streamline™ 16100 • I.D. Ø 16.0 mm • Inlet pressure 1.00 bar • Flow rate at max. working pressure 1.05 l/h

Max. lateral length (m) at 15% flow variation / spacing between drippers (m)

Slope %		0.20	0.30	0.40	0.50	0.60	0.75
uphill	-2	88	104	116	123	129	135
	-1	103	130	151	168	182	200
	0	121	161	196	228	257	298
downhill	1	135	185	231	274	315	374
	2	146	204	256	307	355	423

Streamline™ 16100 • I.D. Ø 16.0 mm • Inlet pressure 1.00 bar • Flow rate at max. working pressure 1.60 l/h

Max. lateral length (m) at 15% flow variation / spacing between drippers (m)

Slope %		0.20	0.30	0.40	0.50	0.60	0.75
uphill	-2	72	89	100	109	116	123
	-1	82	104	123	138	151	168
	0	92	123	149	174	196	227
downhill	1	100	137	171	201	232	275
	2	108	149	187	223	257	307

For more information please contact Netafim technical division or connect to Netafim website www.netafim.com.

Streamline™	Wall thickness (mm)	Distance between drippers (m)	C oil length (m)	Average coil weight* (kg)	Number of coils in a pallet (units)	Pallet weight* (kg)	Coils in a 40 feet container (units)	Total in a 40 feet container (m)
16100	0.25	0.15 to 0.25	1800	24.1	20	480 to 494	800	1440000
		0.30 to 0.75	2000	25.6		518 to 527		1600000

* According to drippers spacing.