

Streamline™ 16040

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
0.80	0.6	0.63	0.58 x 0.33 x 25	14	0.265	0.48
1.10	0.6	0.88	0.51 x 0.42 x 13	15	0.392	0.45
1.60	0.6	1.27	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	0.45	0.50	0.55	0.60
0.80	0.52	0.55	0.57	0.60	0.63
1.10	0.73	0.77	0.81	0.84	0.88
1.60	1.06	1.12	1.17	1.22	1.27

* At 1.0 bar

Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
16040	16.10	0.10	16.30	0.60	0.10

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Performance Data

Streamline™ 16040 • I.D. Ø 16.10 mm • Inlet pressure: 0.55 bar • Nominal Flow rate 0.63 l/h
Max. lateral length (m) at 15% flow variation • spacing between drippers (m)

	Slope %	0.2	0.3	0.4	0.5	0.6	0.75
	Uphill	-2	73	79	81	82	83
-1		107	125	136	144	149	155
0		192	268	337	403	466	357
Downhill	1	216	108	96	93	91	90
	2	66	61	60	60	59	59

Streamline™ 16040 • I.D. Ø 16.10 mm • Inlet pressure: 0.55 bar • Nominal Flow rate 0.88 l/h
Max. lateral length (m) at 15% flow variation • spacing between drippers (m)

	Slope %	0.2	0.3	0.4	0.5	0.6	0.75
	Uphill	-2	70	77	81	84	85
-1		93	112	126	135	143	151
0		123	163	198	230	260	302
Downhill	1	146	202	253	302	349	416
	2	162	227	198	113	105	101

Streamline™ 16040 • I.D. Ø 16.10 mm • Inlet pressure: 0.55 bar • Nominal Flow rate 1.27 l/h
Max. lateral length (m) at 15% flow variation • spacing between drippers (m)

	Slope %	0.2	0.3	0.4	0.5	0.6	0.75
	Uphill	-2	61	70	76	79	82
-1		76	94	107	117	125	135
0		93	124	151	176	199	230
Downhill	1	118	165	208	249	199	113
	2	126	137	76	70	68	66

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)
16040	0.10	0.15 to 0.25	3400	19.7	20	403	800	2720000
		0.30 to 0.75	3600	19.9	20	407	800	2880000

*According to drippers spacing

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