

Super Typhoon 16100

(Super Typhoon 100)

For use in row crops

- Superior Turbonet® flow regime
- Wide filtration area
- Wide cross section improves clogging resistance
- Optional “flap” outlet to prevent suck-back

DRIPPERS TECHNICAL DATA

Maximum working pressure (bar)	nominal flow rate* (l/h)	flow rate at max. pressure (bar)	water passage dimensions width-depth-length (mm)	filtration area (mm ²)	coefficient K	exponent X
1.0	0.80	0.80	0.63x0.39x23.0	35.0	0.284	0.45
	1.10	1.10	0.63x0.50x23.0	35.0	0.390	0.45
	1.60	1.60	0.78x0.67x23.0	55.0	0.530	0.48
	2.50	2.50	0.87x0.76x23.0	48.0	0.828	0.48

* At 1 bar pressure

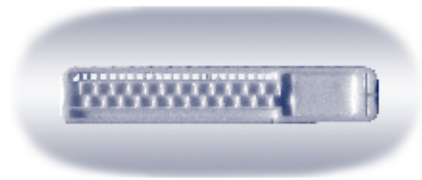
DRIPPERS FLOW VS. PRESSURE

Model	Flow rate (l/h) at pressure (bar)				
	0.60	0.70	0.80	0.90	1.00
0.80	0.64	0.68	0.72	0.76	0.80
1.10	0.87	0.94	0.99	1.05	1.10
1.60	1.25	1.35	1.44	1.52	1.60
2.50	1.96	2.11	2.25	2.38	2.50

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	0.1

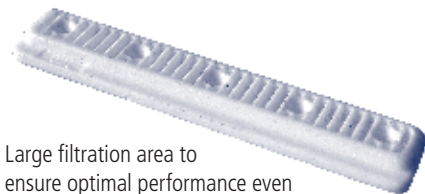
Super-Typhoon dripper



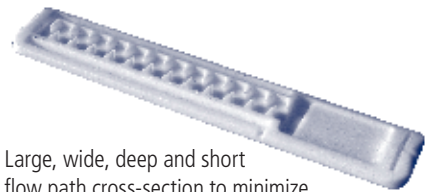
Internal emitter protected from mechanical damage

Super-Typhoon facets

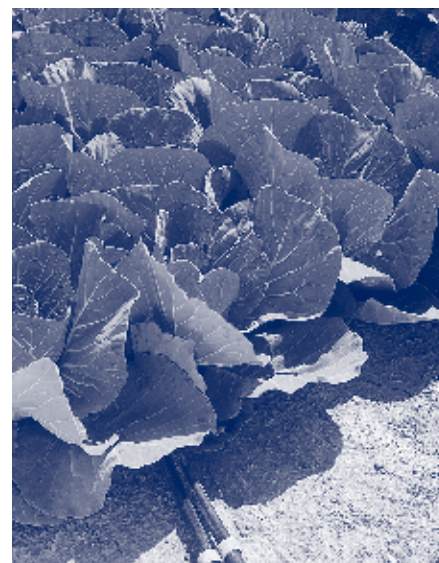
Injected molded dripper construction ensuring uniform drippers and very low CV



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

Typhoon 16100 • I.D. 16.0 mm • Inlet pressure 1.0 bar • Nominal flow rate 0.8 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	77	87	93	96	98	101
	-1	98	120	136	149	157	169
	0	124	164	200	232	263	305
	1	144	199	249	297	344	410
	2	160	224	284	294	199	162

Typhoon 16100 • I.D. 16.0 mm • Inlet pressure 1.0 bar • Nominal flow rate 1.1 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	80	87	92	95	98
	-1	83	105	120	132	142	152
	0	100	134	161	190	212	248
	1	113	158	198	235	271	323
	2	126	176	222	267	295	266

Typhoon 16100 • I.D. 16.0 mm • Inlet pressure 1.0 bar • Nominal flow rate 1.6 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	57	68	75	81	84	89
	-1	67	84	98	109	119	130
	0	78	103	126	146	165	191
	1	87	119	148	176	202	239
	2	94	131	165	197	228	270

Typhoon 16100 • I.D. 16.0 mm • Inlet pressure 1.0 bar • Nominal flow rate 2.5 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	46	57	64	70	75	80
	-1	52	67	78	88	97	108
	0	58	77	94	110	124	143
	1	63	86	108	127	146	173
	2	68	94	118	141	162	194

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

Super Typhoon	Wall thickness	Distance between drippers	C oil length	Average coil weight*	Number of coils in a pallet	Pallet weight*	Coils in a 40 feet container	Total in a 40 feet container
	(mm)	(m)	(m)	(kg)	(units)	(kg)	(units)	(m)
16100	0.25	0.15 to 0.25	1800	25.0	16	418 to 398	640	1152000
		0.30 to 0.75	2000	26.5		436 to 421		1280000

* According to drippers spacing



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