

# Super Typhoon 16150

(Super Typhoon 150)

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 <sup>2</sup> )	coefficient K	exponent X
1.8	0.80	1.04	0.63x0.39x23.0	35.0	0.284	0.45
	1.05	1.37	0.63x0.50x23.0	35.0	0.372	0.45
	1.75	2.32	0.78x0.67x23.0	55.0	0.579	0.48
	2.60	3.44	0.87x0.76x23.0	48.0	0.860	0.48

\* At 1 bar pressure

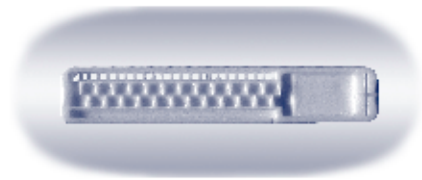
## DRIPPERS FLOW VS. PRESSURE

Model	Flow rate (l/h) at pressure (bar)				
	0.80	1.00	1.20	1.40	1.80
0.80	0.72	0.80	0.87	0.93	1.04
1.05	0.95	1.05	1.14	1.22	1.37
1.75	1.57	1.75	1.91	2.06	2.32
2.60	2.33	2.60	2.83	3.05	3.44

## DRIPPERLINE TECHNICAL DATA

Model	inside Ø (mm)	wall thickness (mm)	outside Ø (mm)	max. working pressure (bar)	KD
16150	15.70	0.38	16.46	1.80	0.1

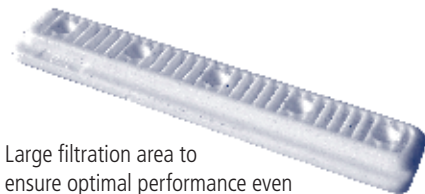
### Super-Typhoon dripper



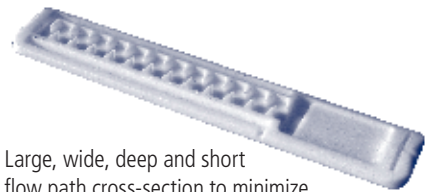
Internal emitter protected from mechanical damage

### 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 16150 • I.D. 15.8 mm • Inlet pressure 1.4 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	88	104	115	122	127	133
	-1	104	131	152	169	183	200
	0	123	163	199	231	260	302
	1	138	189	236	280	322	383
	2	150	209	263	315	365	422

Typhoon 16150 • I.D. 15.8 mm • Inlet pressure 1.4 bar • Nominal flow rate 1.05 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	78	94	106	114	120	127
	-1	90	114	134	150	163	180
	0	103	137	167	194	219	254
	1	114	155	194	230	263	312
	2	122	170	214	256	296	353

Typhoon 16150 • I.D. 15.8 mm • Inlet pressure 1.4 bar • Nominal flow rate 1.75 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	59	73	84	92	98	106
	-1	65	84	99	113	124	138
	0	72	96	117	136	154	179
	1	78	106	132	156	178	210
	2	83	114	143	171	197	235

Typhoon 16150 • I.D. 15.8 mm • Inlet pressure 1.4 bar • Nominal flow rate 2.60 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	48	60	70	78	85	93
	-1	52	67	80	91	101	114
	0	52	67	80	91	101	114
	1	59	81	100	118	134	158
	2	62	86	107	127	146	174

For more information, please contact Netafim Technical Department, or connect to our website at [www.netafim.com](http://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)
16150	0.38	0.15 to 0.25	1150	23.5	16	387 to 375	640	736000
		0.30 to 0.75	1250	24.5		403 to 393		800000

\* According to drippers spacing



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