

# Super-Typhoon™

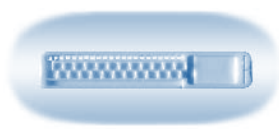
16100

For use in row crops

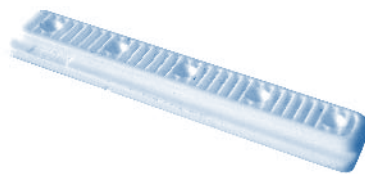
- Superior TurboNet™ flow regime
- Wide filtration area
- Wide cross-section improves clogging resistance
- Optional "flap" outlet to prevent suck-back



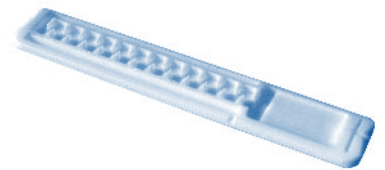
## Super-Typhoon™ facets



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.)*	Max. working pressure (bar)	Water passages dimensions			Filtration area (mm <sup>2</sup> )	Constant K	Exponent x
		Width (mm.)	Depth (mm.)	Length (mm.)			
0.80	1.0	0.64	0.39	23	29	0.284	0.45
1.10	1.0	0.64	0.50	23	29	0.390	0.45
1.60	1.0	0.79	0.60	23	34	0.529	0.48
2.70	1.0	0.89	0.85	23	34	0.894	0.48

\* At 1.0 bar

## Drippers flow vs. pressure

Model Nominal flow rate*	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
2.70	2.11	2.28	2.43	2.57	2.70

\* At 1.0 bar

## Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
16100	16.00	0.25	16.50	1.00	0.10

# Super-Typhoon™

# 16100

For use in row crops

## Performance Data

**Super Typhoon™ 16100 - I.D. Ø 16.00 mm. - Inlet pressure 1.00 bar - Nominal Flow rate 0.80 l/h.**  
Maximum lateral length (meter) at 10% Flow variation - spacing between drippers (meter)

	Slope %	Spacing between drippers (m.)					
		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
downhill	1	144	199	249	297	344	410
	2	160	224	284	294	199	162

**Super Typhoon™ 16100 - I.D. 16.00 mm. - Inlet pressure 1.00 bar - Nominal Flow rate 1.10 l/h.**  
Maximum lateral length (meter) at 10% Flow variation - spacing between drippers (meter)

	Slope %	Spacing between drippers (m.)					
		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
downhill	1	113	158	198	235	271	323
	2	126	176	222	267	295	266

**Super Typhoon™ 16100 - I.D. 16.00 mm. - Inlet pressure 1.00 bar - Nominal Flow rate 1.60 l/h.**  
Maximum lateral length (meter) at 10% Flow variation - spacing between drippers (meter)

	Slope %	Spacing between drippers (m.)					
		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
downhill	1	87	119	148	176	202	239
	2	94	131	165	197	228	270

**Super Typhoon™ 16100 - I.D. 16.00 mm. - Inlet pressure 1.00 bar - Nominal Flow rate 2.70 l/h.**  
Maximum lateral length (meter) at 10% Flow variation - spacing between drippers (meter)

	Slope %	Spacing between drippers (m.)					
		0.2	0.3	0.4	0.5	0.6	0.75
uphill	-2	46	57	65	71	76	82
	-1	51	66	78	88	97	108
	0	57	76	92	108	122	141
downhill	1	61	84	104	123	141	167
	2	65	90	114	135	156	186

For more information, please contact Netafim™ Technical Department or connect to our website at: [www.netafim.com](http://www.netafim.com)

## Packaging Data

Super Typhoon™ on carton coils	Wall thickness (mm.)	Distance between drippers (meter)	Coil length (meter)	Average coil weight* (kg.)	Number of coils in a pallet (units)	Average pallet weight* (kg.)	Coils in a 40 feet container (units)	Total in a 40 feet container (meters)
16100	0.25	0.15 to 0.25 0.30 to 0.75	1800 2000	25.1 26.3	16 16	410.6 429.8	640 640	1152000 1280000

\* According to drippers spacing

Website: [www.netafim.com](http://www.netafim.com)  
E-mail: [postmaster@netafim.com](mailto:postmaster@netafim.com)

