

# Super-Typhoon™

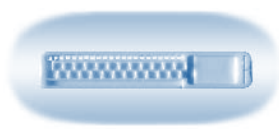
12125

For use in greenhouses and row crops (short lines)

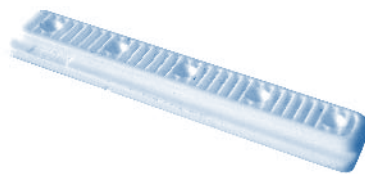
- Superior TurboNet™ flow regime
- Wide filtration area
- Wide cross-section improves clogging resistance



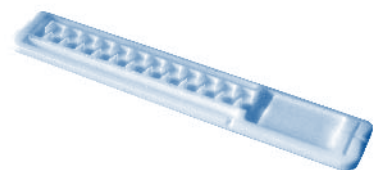
## Super-Typhoon™ facets



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	2.1	0.64	0.39	23	29	0.284	0.45
1.10	2.1	0.64	0.50	23	29	0.390	0.45
1.60	2.1	0.79	0.60	23	34	0.529	0.48
2.70	2.1	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)				
	1.00	1.20	1.40	1.60	1.80
0.80	0.80	0.87	0.93	0.99	1.04
1.10	1.10	1.19	1.28	1.36	1.43
1.60	1.65	1.80	1.94	2.07	2.19
2.70	2.70	2.95	3.17	3.38	3.58

\* At 1.0 bar

## Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
12125	11.80	0.31	12.41	2.10	0.25

# Super-Typhoon™

# 12125

For use in greenhouses and row crops (short lines)

## Performance Data

**Super Typhoon™ 12125 - I.D. Ø 11.80 mm. - Inlet pressure 1.40 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	58	73	84	93	100	108
	-1	64	83	100	113	125	140
	0	70	95	116	136	154	179
downhill	1	76	104	130	155	178	211
	2	80	112	142	170	196	235

**Super Typhoon™ 12125 - I.D. 11.80 mm. - Inlet pressure 1.40 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	49	63	73	82	89	98
	-1	53	70	84	96	106	120
	0	57	77	95	111	126	147
downhill	1	61	84	104	124	142	168
	2	64	89	112	134	155	185

**Super Typhoon™ 12125 - I.D. 11.80 mm. - Inlet pressure 1.40 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	40	52	61	69	76	84
	-1	42	56	68	78	86	99
	0	45	61	74	88	99	116
downhill	1	47	65	80	96	109	129
	2	49	68	86	102	118	140

**Super Typhoon™ 12125 - I.D. 11.80 mm. - Inlet pressure 1.40 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	30	40	47	54	59	68
	-1	31	42	51	59	66	76
	0	33	44	55	64	73	85
downhill	1	34	47	58	69	78	92
	2	35	49	61	72	83	98

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)
12125	0.31	0.15 to 0.25 0.30 to 0.75	2000 2200	25.8 26.8	16 16	421.8 437.8	640 640	1280000 1408000

\* According to drippers spacing

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

