

# Python™

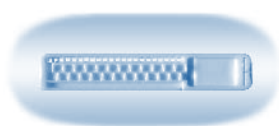
22135

For use in row crops

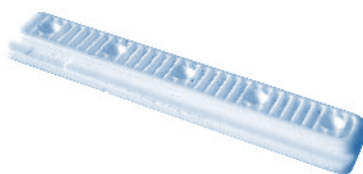
- Superior TurboNet™ flow regime
- Wide filtration area
- Wide cross-section improves clogging resistance
- Optional "flap" outlet to prevent suck-back



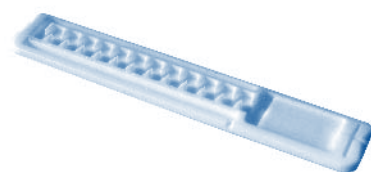
## Python™ facets



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	1.1	0.64	0.39	23	29	0.284	0.45
1.05	1.1	0.64	0.50	23	29	0.373	0.45
1.60	1.1	0.79	0.60	23	34	0.529	0.48
2.70	1.1	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)				
	0.70	0.80	0.90	1.00	1.10
0.80	0.68	0.72	0.76	0.80	0.84
1.05	0.90	0.95	1.00	1.05	1.10
1.60	1.35	1.44	1.52	1.60	1.67
2.70	2.28	2.43	2.57	2.70	2.83

\* At 1.0 bar

## Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
22135	22.20	0.34	22.88	1.10	0.03

For use in row crops

## Performance Data

**Python™ 22135 - I.D. Ø 22.20 mm. - Inlet pressure 1.10 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	103	109	112	114	115	116
	-1	153	177	191	201	208	215
	0	229	300	363	420	472	546
downhill	1	287	395	496	592	660	611
	2	327	201	170	162	158	156

**Python™ 22135 - I.D. 22.20 mm. - Inlet pressure 1.10 bar - Nominal Flow rate 1.05 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	98	106	110	112	113	115
	-1	138	162	178	190	197	206
	0	192	252	304	353	397	458
downhill	1	235	322	402	480	553	659
	2	265	325	181	170	164	159

**Python™ 22135 - I.D. 22.20 mm. - Inlet pressure 1.10 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	88	98	104	107	110	112
	-1	114	138	155	168	178	189
	0	147	192	233	270	303	350
downhill	1	173	236	294	349	401	477
	2	192	266	330	298	181	173

**Python™ 22135 - I.D. 22.20 mm. - Inlet pressure 1.10 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	72	85	91	96	100	103
	-1	87	109	125	136	148	159
	0	104	137	165	191	214	249
downhill	1	118	160	199	236	268	320
	2	128	178	223	266	307	328

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

## Packaging Data

Python™ 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)
22135	0.34	0.15 to 0.25	1100	27.4	16	447.4	640	704000
		0.30 to 0.75	1200	28.9	16	471.4	640	768000

\* According to drippers spacing

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