

Python™

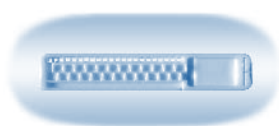
22100

For use in row crops

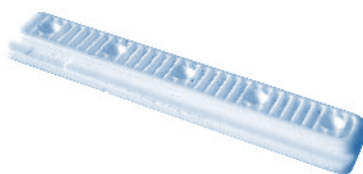
- Superior TurboNet™ flow regime
- Wide filtration area
- Wide cross-section improves clogging resistance
- Optional "flap" outlet to prevent suck-back



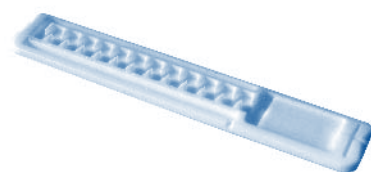
Python™ facets



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)	Flow rate at max. working pressure (bar)	Water passages dimensions			Filtration area (mm ²)	Constant K	Exponent x
			Width (mm.)	Depth (mm.)	Length (mm.)			
0.80	0.8	0.72	0.64	0.39	23	29	0.284	0.45
1.10	0.8	0.99	0.64	0.50	23	29	0.390	0.45
1.60	0.8	1.44	0.79	0.60	23	34	0.529	0.48
2.70	0.8	2.43	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	0.65	0.70	0.75	0.80
0.80	0.64	0.66	0.68	0.70	0.72
1.10	0.87	0.91	0.94	0.97	0.99
1.60	1.25	1.30	1.35	1.39	1.44
2.70	2.11	2.20	2.28	2.35	2.43

* At 1.0 bar

Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
22100	22.20	0.25	22.70	0.80	0.03

For use in row crops

Performance Data

Python™ 22100 - I.D. Ø 22.20 mm. - Inlet pressure 0.80 bar - Nominal Flow rate 0.72 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	79	82	83	84	84	85
	-1	130	144	152	157	160	163
	0	223	293	354	410	461	533
downhill	1	295	409	476	403	272	247
	2	141	119	115	114	113	112

Python™ 22100 - I.D. 22.20 mm. - Inlet pressure 0.80 bar - Nominal Flow rate 0.99 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	76	77	78	79	80
	-1	112	128	136	142	146	150
	0	177	232	281	325	366	423
downhill	1	230	331	401	251	211	189
	2	110	91	101	101	91	114

Python™ 22100 - I.D. 22.20 mm. - Inlet pressure 0.80 bar - Nominal Flow rate 1.44 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	77	80	82	82	83
	-1	102	119	131	139	145	151
	0	143	188	227	263	296	342
downhill	1	176	241	302	360	415	480
	2	199	228	123	122	117	113

Python™ 22100 - I.D. 22.20 mm. - Inlet pressure 0.80 bar - Nominal Flow rate 2.43 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	61	70	73	76	79	80
	-1	80	97	109	119	124	133
	0	102	134	161	186	211	242
downhill	1	119	163	203	241	277	328
	2	132	184	231	231	151	129

For more information, please contact Netafim™ Technical Department or connect to our website at: 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)
22100	0.25	0.15 to 0.25 0.30 to 0.75	1200 1400	22.7 25.3	16 16	372.2 413.8	640 640	768000 896000

* According to drippers spacing

Website: www.netafim.com
E-mail: postmaster@netafim.com

