

Python™

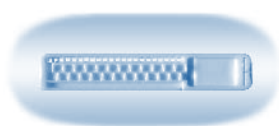
22080

For use in row crops

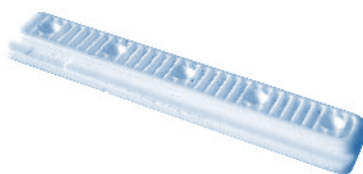
- Superior TurboNet™ flow regime
- Wide filtration area
- Wide cross-section improves clogging resistance
- Optional "flap" outlet to prevent suck-back



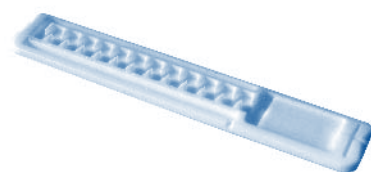
Python™ facets



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	0.6	0.64	0.64	0.39	23	29	0.284	0.45
1.10	0.6	0.87	0.64	0.50	23	29	0.390	0.45
1.65	0.6	1.29	0.79	0.60	23	34	0.546	0.48
2.70	0.6	2.11	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)				
	0.40	0.45	0.50	0.55	0.60
0.80	0.53	0.56	0.59	0.61	0.64
1.10	0.73	0.77	0.80	0.84	0.87
1.65	1.06	1.12	1.18	1.24	1.29
2.70	1.74	1.84	1.94	2.03	2.11

* At 1.0 bar

Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
22080	22.20	0.20	22.60	0.60	0.03

For use in row crops

Performance Data

Python™ 22080 - I.D. Ø 22.20 mm. - Inlet pressure 0.60 bar - Nominal Flow rate 0.64 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	62	63	63	64	64
	-1	108	116	119	122	123	124
	0	219	287	346	401	452	521
downhill	1	305	342	205	186	179	174
	2	90	86	85	84	84	84

Python™ 22080 - I.D. 22.20 mm. - Inlet pressure 0.60 bar - Nominal Flow rate 0.87 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	58	59	59	59	60
	-1	95	104	109	112	114	116
	0	173	227	274	318	358	413
downhill	1	250	346	201	176	181	189
	2	80	91	81	76	91	77

Python™ 22080 - I.D. 22.20 mm. - Inlet pressure 0.60 bar - Nominal Flow rate 1.29 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	60	62	62	62	63
	-1	89	101	108	113	116	119
	0	140	184	222	258	290	335
downhill	1	180	248	312	358	341	212
	2	174	98	90	88	86	86

Python™ 22080 - I.D. 22.20 mm. - Inlet pressure 0.60 bar - Nominal Flow rate 2.11 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	51	56	59	59	61	62
	-1	72	86	95	101	103	110
	0	100	131	159	184	205	238
downhill	1	121	167	209	249	286	339
	2	137	178	99	89	88	84

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)
22080	0.20	0.15 to 0.25 0.30 to 0.75	1400 1600	21.5 23.4	16 16	353.0 383.4	640 640	896000 1024000

* According to drippers spacing

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