

Python™

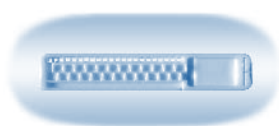
22150

For use in row crops

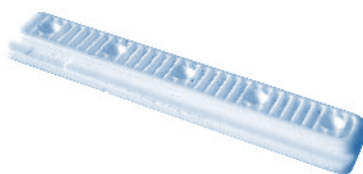
- Superior TurboNet™ flow regime
- Wide filtration area
- Wide cross-section improves clogging resistance
- Optional "flap" outlet to prevent suck-back



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 ²)	Constant K	Exponent x
		Width (mm.)	Depth (mm.)	Length (mm.)			
0.80	1.2	0.64	0.39	23	29	0.284	0.45
1.05	1.2	0.64	0.50	23	29	0.373	0.45
1.65	1.2	0.79	0.60	23	34	0.546	0.48
2.70	1.2	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)				
	0.80	0.90	1.00	1.10	1.20
0.80	0.72	0.76	0.80	0.84	0.87
1.05	0.95	1.00	1.05	1.10	1.14
1.65	1.48	1.57	1.65	1.73	1.80
2.70	2.43	2.57	2.70	2.83	2.95

* At 1.0 bar

Dripperlines technical data

Model	Inside diameter (mm.)	Wall Thickness (mm.)	Outside diameter (mm.)	Max. working pressure (bar)	KD
22150	22.20	0.38	22.96	1.20	0.03

For use in row crops

Performance Data

Python™ 22150 - I.D. Ø 22.20 mm. - Inlet pressure 1.20 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	110	117	121	123	124	125
	-1	159	185	202	214	222	230
	0	230	302	365	423	476	550
downhill	1	285	392	491	585	676	713
	2	323	323	193	181	175	171

Python™ 22150 - I.D. 22.20 mm. - Inlet pressure 1.20 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	104	113	118	121	122	125
	-1	142	169	187	200	210	220
	0	193	254	306	355	400	462
downhill	1	233	319	399	475	547	652
	2	362	359	310	198	184	176

Python™ 22150 - I.D. 22.20 mm. - Inlet pressure 1.20 bar - Nominal Flow rate 1.65 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	92	104	110	115	118	121
	-1	117	143	161	176	187	200
	0	148	194	234	271	305	353
downhill	1	172	234	292	346	398	473
	2	190	263	331	359	317	200

Python™ 22150 - I.D. 22.20 mm. - Inlet pressure 1.20 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	75	88	97	104	106	110
	-1	89	110	127	141	154	167
	0	105	137	167	194	217	249
downhill	1	118	160	197	234	268	317
	2	128	176	221	264	304	358

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)
22150	0.38	0.15 to 0.75 0.30 to 0.75	900 1000	26.0 26.9	16 16	425.0 439.4	640 640	576000 640000

* According to drippers spacing

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