



PYTHON™ 22150

INTEGRAL THIN-WALLED DRIPPERLINE

APPLICATIONS

- Row crop irrigation.

SPECIFICATIONS

- Maximal working pressure according to pipe wall thickness.
- TurboNet™ labyrinth with large water passages.
- 4 different flow rates.
- To be "welded" into thin-walled dripperlines (0.38 mm).
- Injected dripper, very low CV.
- Python™ drippers meet ISO 9261 Standards and production is certified by the Israel Standards Institute (SII)

FEATURES AND BENEFITS

- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance.
- Wide filtration area with improved resistance to clogging.
- Injection molded dripper construction, ensuring uniform drippers and very low CV.
- Can be retrieved and reused.

DRIPPERS TECHNICAL DATA

NOMINAL FLOW RATE (L/H.)*	MAX. WORKING PRESSURE (BAR)	WATER PASSAGES DIMENSIONS WIDTH-DEPTH-LENGTH (MM X MM X MM)	FILTRATION AREA (MM ²)	CONSTANT K	EXPONENT X
0.80	1.2	0.64 x 0.39 x 23	29	0.284	0.45
1.05	1.2	0.64 x 0.50 x 23	29	0.373	0.45
1.65	1.2	0.79 x 0.60 x 23	34	0.546	0.48
2.70	1.2	0.89 x 0.85 x 23	34	0.894	0.48

* At 1.0 bar pressure

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

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	1.2	0.03

PYTHON™ 22150

PERFORMANCE DATA

Python™ 22150 - I.D. 22.2 mm. - Kd 0.03 - Inlet pressure 1.2 bar - Nominal flow rate 0.80 l/h.
Maximum lateral length (meter) at 10% Flow variation

	SLOPE %	SPACING BETWEEN DRIPPERS (M.)					
		0.2	0.3	0.4	0.5	0.6	0.7
UPHILL	2%	64	65	66	66	66	66
	1%	111	120	124	127	128	129
FLAT TERRAIN	0%	218	286	346	401	451	498
	-1%	300	424	546	669	792	821
DOWNHILL	-2%	376	143	134	131	129	127

Python™ 22150 - I.D. 22.2 mm. - Kd 0.03 - Inlet pressure 1.2 bar - Nominal flow rate 1.05 l/h.
Maximum lateral length (meter) at 10% Flow variation

	SLOPE %	SPACING BETWEEN DRIPPERS (M.)					
		0.2	0.3	0.4	0.5	0.6	0.7
UPHILL	2%	63	64	65	66	66	66
	1%	104	115	120	124	126	127
FLAT TERRAIN	0%	183	241	291	337	379	419
	-1%	243	339	433	527	619	713
DOWNHILL	-2%	294	173	142	135	131	130

Python™ 22150 - I.D. 22.2 mm. - Kd 0.03 - Inlet pressure 1.2 bar - Nominal flow rate 1.65 l/h.
Maximum lateral length (meter) at 10% Flow variation

	SLOPE %	SPACING BETWEEN DRIPPERS (M.)					
		0.2	0.3	0.4	0.5	0.6	0.7
UPHILL	2%	56	59	60	61	61	61
	1%	87	98	105	110	113	115
FLAT TERRAIN	0%	136	178	216	250	281	310
	-1%	169	233	295	355	415	473
DOWNHILL	-2%	197	284	372	144	133	128

Python™ 22150 - I.D. 22.2 mm. - Kd 0.03 - Inlet pressure 01.2 bar - Nominal flow rate 2.70 l/h.
Maximum lateral length (meter) at 10% Flow variation

	SLOPE %	SPACING BETWEEN DRIPPERS (M.)					
		0.2	0.3	0.4	0.5	0.6	0.7
UPHILL	2%	51	56	58	59	59	60
	1%	72	85	93	100	104	107
FLAT TERRAIN	0%	99	130	157	182	205	227
	-1%	118	161	201	240	278	315
DOWNHILL	-2%	132	187	240	294	347	173

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 0.25	900	26.0	16	425.0	640	576000
		0.30 to 0.75	1000	26.9	16	439.4	640	640000

*According to drippers spacing