



PYTHON™ 22135

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 (0.34 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	1.1	0.64 x 0.39 x 23	29	0.284	0.45
1.05	1.1	0.64 x 0.50 x 23	29	0.373	0.45
1.60	1.1	0.79 x 0.60 x 23	34	0.546	0.48
2.70	1.1	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)				
	0.70	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

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	1.1	0.03

PYTHON™ 22135

PERFORMANCE DATA

Python™ 22135 - I.D. 22.2 mm. - Kd 0.03 - Inlet pressure 1.1 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%	304	432	559	687	305	271
DOWNHILL	-2%	171	126	121	119	117	116

Python™ 22135 - I.D. 22.2 mm. - Kd 0.03 - Inlet pressure 1.1 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%	245	345	442	539	635	733
DOWNHILL	-2%	302	140	126	122	119	118

Python™ 22135 - I.D. 22.2 mm. - Kd 0.03 - Inlet pressure 1.1 bar - Nominal flow rate 1.60 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%	88	99	106	111	113	116
FLAT TERRAIN	0%	139	182	220	255	286	316
	-1%	175	242	308	372	435	498
DOWNHILL	-2%	207	301	138	123	118	115

Python™ 22135 - I.D. 22.2 mm. - Kd 0.03 - Inlet pressure 01.1 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	162	204	243	282	321
DOWNHILL	-2%	135	191	246	302	359	133

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)
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