



## OZLINE™ 25150

### INTEGRAL THIN-WALLED DRIPPERLINE

#### APPLICATIONS

- Row crop irrigation.

#### SPECIFICATIONS

- Maximal working pressure according to pipe's 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.
- Ozline™ 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 <sup>2</sup> )	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
1.65	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	1.39	1.48	1.57	1.65	1.73
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
22150	25.00	0.38	25.76	1.1	0.03

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## PERFORMANCE DATA

Ozline™ 25150 - I.D. 25.0 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 $\alpha$	SPACING BETWEEN DRIPPERS (M.)					
		0.2	0.3	0.4	0.5	0.6	0.7
UPHILL	2%	65	65	66	66	66	67
	1%	118	124	127	129	130	130
FLAT TERRAIN	0%	267	350	424	491	552	610
	-1%	393	567	744	275	256	248
DOWNHILL	-2%	130	121	118	117	116	116

Ozline™ 25150 - I.D. 25.0 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 $\alpha$	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%	112	121	125	127	128	130
FLAT TERRAIN	0%	224	294	356	412	464	513
	-1%	314	448	581	715	290	265
DOWNHILL	-2%	155	125	120	118	117	116

Ozline™ 25150 - I.D. 25.0 mm. - Kd 0.03 - Inlet pressure 1.1 bar - Nominal flow rate 1.65 l/h.  
Maximum lateral length (meter) at 10% Flow variation

	SLOPE $\alpha$	SPACING BETWEEN DRIPPERS (M.)					
		0.2	0.3	0.4	0.5	0.6	0.7
UPHILL	2%	58	60	60	61	61	62
	1%	95	106	111	115	116	118
FLAT TERRAIN	0%	166	218	264	306	344	380
	-1%	216	304	389	474	558	643
DOWNHILL	-2%	264	140	121	116	113	112

Ozline™ 25150 - I.D. 25.0 mm. - Kd 0.03 - Inlet pressure 1.1 bar - Nominal flow rate 2.70 l/h.  
Maximum lateral length (meter) at 10% Flow variation

	SLOPE $\alpha$	SPACING BETWEEN DRIPPERS (M.)					
		0.2	0.3	0.4	0.5	0.6	0.7
UPHILL	2%	55	58	59	60	61	61
	1%	81	94	102	107	110	113
FLAT TERRAIN	0%	121	159	192	223	251	278
	-1%	149	206	260	313	365	417
DOWNHILL	-2%	173	249	326	136	124	118

For more information , please contact Netafim Technical Department or connect to our website at : [www.netafim.com](http://www.netafim.com)

## PACKAGING DATA

OZLINE™ 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)
25150	0.38	0.15 to 0.25	700	22.0	16	361.0	640	448000
		0.30 to 0.75	800	24.5	16	401.0	640	512000

\*According to drippers spacing