



OZLINE™

INTEGRAL DRIPPER

25135 - 25150

APPLICATIONS

- Row crop irrigation

SPECIFICATIONS

- Recommended filtration: 130 micron / 120 mesh
- TurboNet™ labyrinth with large water passage
- To be “welded” into thin/medium-walled dripperlines (0.34 and 0.38mm)
- Resistant to standard nutrients used in agriculture
- Ozline™ drippers meet ISO 9261 Standards with production certified by the Israel Standards Institute (SII)

FEATURES AND BENEFITS

- Large filter area to ensure optimal performance.
- TurboNet™ labyrinth assures wide water passages, large deep and wide cross section improves clogging resistance.
- The water is drawn in to the dripper from the stream centre, reducing the entrance of sediments in to the drippers.
- Injection molded dripper construction, ensuring uniform drippers and very low CV.

DRIPPERS TECHNICAL DATA

OZLINE 25135 - 0.34MM WALL THICKNESS DRIPPERLINES

FLOW RATE (L/H.)	MAX. WORKING PRESSURE (BAR)	WATER PASSAGE DIMENSIONS WIDTH-DEPTH-LENGTH (MM.)	FILTRATION AREA (MM 2)	CONSTANT K	EXPONENT X	RECOMMENDED FILTRATION (MICRON)/(MESH)
0.80	1.2	0.64 x 0.39 x 23	29	0.284	0.45	130/120
1.05	1.2	0.64 x 0.50 x 23	29	0.373	0.45	130/120
1.60	1.2	0.79 x 0.60 x 23	34	0.529	0.48	130/120
2.70	1.2	0.89 x 0.85 x 23	34	0.894	0.48	130/120

*Flow rate at 1.0 bar pressure

OZLINE 25150 - 0.38MM WALL THICKNESS DRIPPERLINES

FLOW RATE (L/H.)	MAX WORKING PRESSURE (BAR)	WATER PASSAGE DIMENSIONS WIDTH-DEPTH-LENGTH (MM.)	FILTRATION AREA (MM 2)	CONSTANT K	EXPONENT X	RECOMMENDED FILTRATION (MICRON)/(MESH)
0.80	1.4	0.64 x 0.39 x 23	29	0.284	0.45	130/120
1.05	1.4	0.64 x 0.50 x 23	29	0.373	0.45	130/120
1.65	1.4	0.79 x 0.60 x 23	34	0.546	0.48	130/120
2.70	1.4	0.89 x 0.85 x 23	34	0.894	0.48	130/120

*Flow rate at 1.0 bar pressure

DRIPPERLINE TECHNICAL DATA

MODEL	INSIDE DIAMETER (MM)	WALL THICKNESS (MM)	OUTSIDE DIAMETER (MM)	MAX. WORKING PRESSURE (BAR)	MAX. FLUSHING PRESSURE (BAR)	KD	COIL LENGTH (M)
25135	25.0	0.34	25.68	1.2	1.4	0.02	1000
25150	25.0	0.38	25.76	1.4	1.6	0.02	900

MAX. LATERAL LENGTH (METRE) AT DIFFERENT INLET PRESSURE

OZLINE™ 25135 - I.D. 25.0MM - KD 0.02 - INLET PRESSURE 1.2 BAR

FLAT TERRAIN	FLOW RATE (L/H.)	DISTANCE BETWEEN DRIPPERS (METRE)						
		0.2	0.3	0.4	0.5	0.6	0.7	0.8
	0.80	290	380	459	531	597	660	719
	1.05	244	319	386	446	502	554	605
	1.60	177	232	280	325	365	404	440
	2.70	127	166	201	232	262	289	315

Due to lateral filling time and flushing effectiveness it is not recommended to exceed 800 metres lateral length

OZLINE™ 25150 - I.D. 25.0MM - KD 0.02 - INLET PRESSURE 1.4 BAR

FLAT TERRAIN	FLOW RATE (L/H.)	DISTANCE BETWEEN DRIPPERS (METRE)						
		0.2	0.3	0.4	0.5	0.6	0.7	0.8
	0.80	294	384	464	537	604	667	727
	1.05	247	323	390	451	508	561	612
	1.65	175	230	277	321	361	399	435
	2.70	128	167	202	234	263	291	318

Due to lateral filling time and flushing effectiveness it is not recommended to exceed 800 metres lateral length