



Microlin

Flat Integral Nano Dripper

Thin Wall Dripline

Crops • Row crops • Seasonal crops

Applications • Open field • Landscaping • Greenhouses

A thin-wall dripline featuring a uniquely designed, unsymmetrical nano-dripper - engineered for efficiency. The perfect budget-friendly option for farmers requiring irrigation for a single season.

Features & Benefits

- The optimal choice for seasonal use
- Short and wide self-cleaning labyrinth with turbulent flow to prevent particle settling.
- Highly resistant to UV exposure and common agricultural fertilizers.
- 100% of drippers are inspected by an advanced AI-driven quality assurance system
- Mold-injected drippers made of virgin raw material with extremely low CV
- Precise and efficient flowrate
- Compact design ensures minimum head loss
- Ideal for reduced dripper spacing and a continuous wetted area

Specifications

- Available diameters: 12mm, 16mm and 22mm
- Precisely welded into thin-wall driplines with thicknesses ranging from 0.15mm to 0.30mm.
- Customizable color striping available based on grower preference.
- Compliant with ISO 9261 standards for quality
- Driplines available with hole or flap outlet

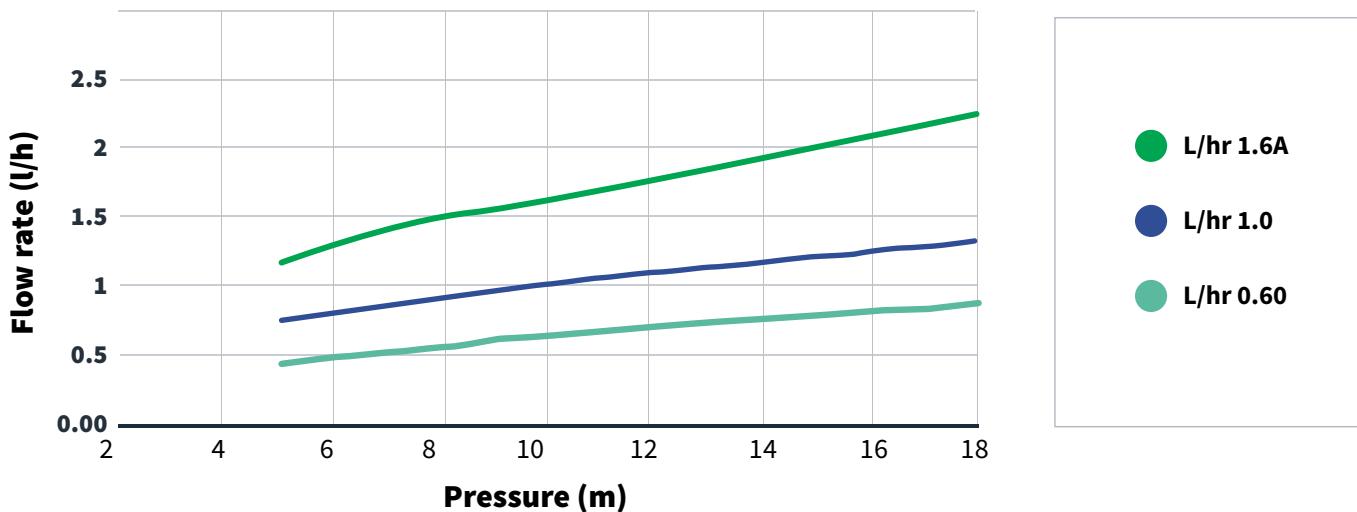
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Microlin Dripper Technical Specifications

Flow rate (L/hr)	filtration Area (mm ²)	Inlet filter slot width (μ)	Labyrinth Dimensions Width-Depth (mm)	Constant (K)	Exponent (X)	Recommended filtration (micron/mesh)
0.6	5	300	0.38X 0.6	0.21	0.45	120/130
1.00	5	300	0.45X 0.68	0.32	0.49	120/130
1.6A	28	400	0.69X0.65	0.57	0.47	120/130

Flow rate Vs. Pressure



Flow rate Vs. Pressure table

Nominal Flow rate (L/hr)	pressure (m)				
	5	10	15	20	
0.60	0.44	0.6	0.72	0.80	
1.00	0.71	1	1.22	1.37	
1.60A	1.21	1.67	2.02	2.31	

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Microlin Dripline Technical Data

Model	Ø Inside Diameter (mm)	Wall Thickness (mm)	Max working pressure (m)	KD
MICROLIN12015	11	0.15	10	0.2
MICROLIN12020	11	0.20	12	0.2
MICROLIN12025	11	0.25	16	0.2
MICROLIN16015	15.8	0.15	10	0.15
MICROLIN16020	15.8	0.20	12	0.15
MICROLIN16025	15.8	0.25	15	0.15
MICROLIN22015	22	0.15	10	0.05
MICROLIN22020	22	0.20	10	0.05
MICROLIN22025	22	0.25	15	0.05

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Keep in touch!

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