



Minilin

Flat Integral Symmetrical Dripper

Thin Wall Dripline

Crops • Row crops • Seasonal crops

Applications • Open field • Landscaping • Greenhouses

A thin-wall dripline featuring a uniquely designed, symmetrical nano-dripper—engineered for efficiency. The ideal cost-effective solution for farmers needing single-season irrigation

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

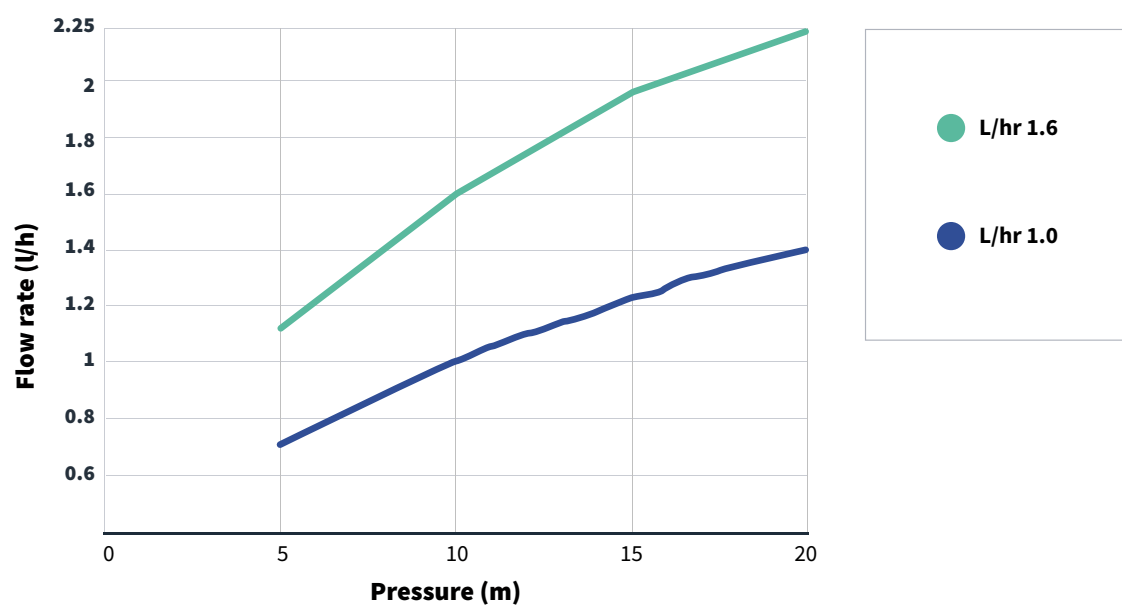
- Available diameters: 12mm, 16mm and 22mm
- Precisely welded into thin-wall driplines with thicknesses ranging from 0.15mm to 0.30mm.
- Customizable color striping available based on grower preference.
- Compliant with ISO 9261 standards for quality
- Driplines available with hole or flap outlet

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Minilin Dripper Technical Specifications

Flow rate (L/hr)	filtration Area (mm ²)	Inlet filter slot width (μ)	Labyrinth Dimensions Width-Depth (mm)	Constant K (Bar)	Exponent (X)	Recommended filtration (micron/mesh)
1	131.44	350	0.5X 0.94	0.34	0.47	120/130
1.6	131.44	350	0.5X 0.6	0.53	0.48	120/130

Flow rate Vs. Pressure



Flow rate Vs. Pressure table

Nominal Flow rate (L/hr)	pressure (m)			
	5	10	15	20
1.0	0.72	1.0	1.21	1.40
1.6	1.15	1.6	1.94	2.25

A close-up photograph of a black Minilin dripline installed in a field. The dripline is laid out in a straight line across the brown soil, with several green plants growing nearby. The background is slightly blurred, showing more of the field and plants.

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Minilin Dripline Technical Data


Model	Ø Inside Diameter (mm)	Wall Thickness (mm)	Max working pressure (m)	KD
minilin12020	11.0	0.20	12	0.16
minilin12030	11.0	0.30	18	0.16
minilin12040	11.0	0.40	20	0.16
minilin12060	11.0	0.60	25	0.16
minilin16015	15.8	0.15	10	0.13
minilin16020	15.8	0.20	12	0.13
minilin16025	15.8	0.25	15	0.13
minilin16030	15.8	0.30	18	0.13
minilin16040	15.2	0.40	20	0.13
minilin16060	15.2	0.60	25	0.13
minilin17030	16.0	0.30	16	0.11
minilin17040	16.0	0.40	20	0.11
minilin22015	22.0	0.15	10	0.03
minilin22020	22.0	0.20	10	0.03
minilin22025	22.0	0.25	15	0.03
minilin22030	22.0	0.30	15	0.03



Calculate Minilin dripline's lateral length
with our **Irrimetzer app!**



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 metzer-group.com



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