Lin

Flat Integral dripper

Non-compensated low & medium wall thickness dripline

Crops • Row Crops

Applications • Open field • Orchards • Greenhouses

Lin is a flat, integral, non-compensated dripper that has become the industry standard in its category, reflecting reliability and efficiency. The Lin dripline is the ideal choice for farmers seeking an affordable irrigation solution lasting 2–3 seasons. Its wide inlet filter prevents clogging, ensuring continuous irrigation even in challenging water conditions.

Features & Benefits

- High clogging resistance due to wide water passages along the primary labyrinth
- Short and wide self-cleaning labyrinth with turbulent flow to prevent particle settling
- Highly resistant to UV exposure and common agricultural fertilizers
- Very low CV (Coefficient of Variation) for consistent performance
- Largest effective filtration area in its category for superior clogging prevention
- 100% of drippers inspected by an advanced AI-driven quality assurance system
- Lin driplines can be manufactured with an additional color layer according to the client's request. Available colors include brown, purple, white, and more

Specifications

- Available diameters: 12mm, 16mm, 17mm, 20mm, 22mm and 25mm.
- Precisely welded into low/medium wall driplines with thicknesses ranging from 0.20mm to 0.9mm.
- Optional Rootguard Band® extruded layer to prevent root intrusion in SDI applications.
- Optional Cleanline® extruded layer to prevent clogging when using water with high organic content.
- Customizable colour striping available based on grower preference.
- Compliant with ISO 9261 standards for quality and performance

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Lin Dripper Technical Specifications

Nominal 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)
0.8	99.87	400	0.49X 0.76	0.29	0.47	120/130
1.2	99.87	400	0.59X 0.86	0.41	0.47	120/130
1.6	99.87	400	0.59X 1.04	0.53	0.48	120/130
2	108	400	0.74X 0.95	0.66	0.48	120/130
3	99.87	400	0.74X 0.95	0.97	0.49	120/130
4	108	400	0.98X 0.95	1.29	0.49	120/130
6	99.87	400	1.85X 1.43	1.94	0.49	120/130

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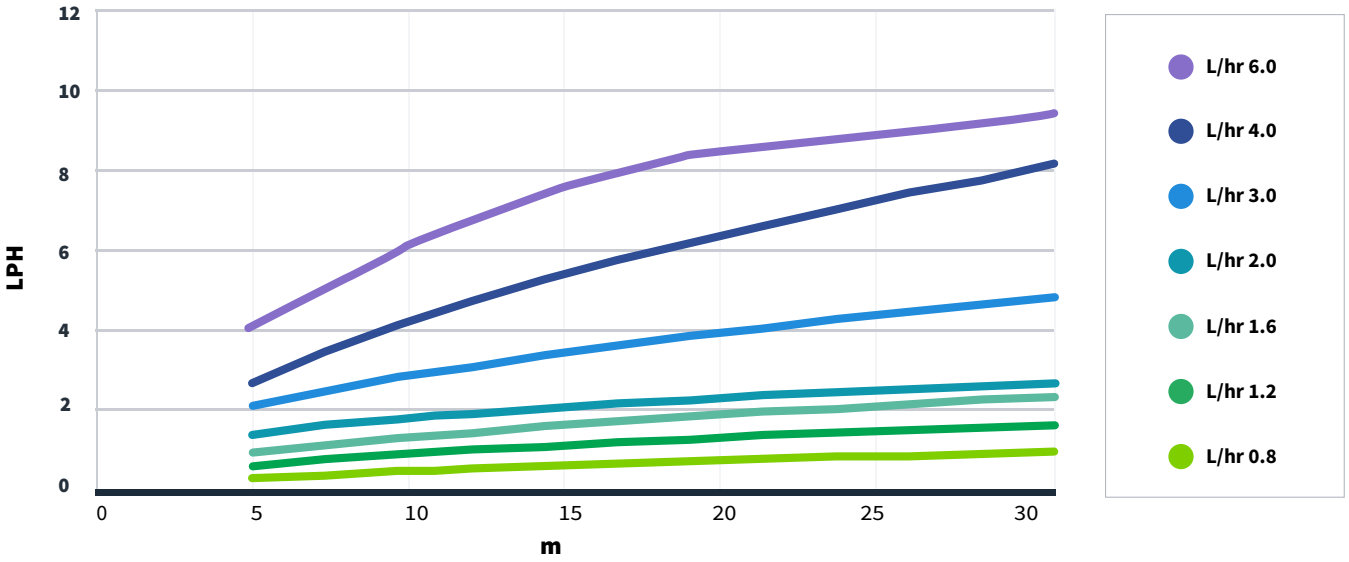
Flow rate Vs. Pressure



Flow rate Vs. Pressure table

Nominal Flow rate (L/hr)	pressure (m)				
	5	**10**	**15**	**20**	**25**
0.8	0.58	0.8	0.97	1.10	1.23
1.2	0.87	1.20	1.45	1.66	1.85
1.6	1.15	1.6	1.94	2.23	2.48
2	1.43	2.00	2.43	2.79	3.10
3	2.13	3.00	3.66	4.21	4.7
4	2.79	4.00	4.73	5.43	6.05
6	4.23	6.00	7.31	8.41	9.32

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Lin Dripline Technical Data

Model	Ø Inside Diameter (mm)	Wall Thickness (mm)	Max working pressure (m)	KD
LIN12020	11.0	0.20	12	0.16
LIN12030	11.0	0.30	18	0.16
LIN12040	11.0	0.40	20	0.15
LIN12060	11.0	0.60	25	0.30
LIN12090	11.0	0.90	25	0.30
LIN16015	15.8	0.15	10	0.18
LIN16020	15.8	0.20	12	0.18
LIN16030	15.8	0.30	18	0.18
LIN16060	15.2	0.60	25	0.20
LIN16090	13.8	0.90	30	0.25
LIN17030	16	0.30	16	0.18
LIN17060	15.8	0.60	15	0.22
LIN17090	15.0	0.90	40	0.20
LIN20090	17.4	0.90	30	0.18
LIN20100	17.4	1.00	35	0.18
LIN22015	22.0	0.15	10	0.05
LIN22030	22.0	0.30	15	0.05
LIN22060	22.0	0.60	25	0.05

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

Keep in touch!

info@metzerplas.com metzer-group.com

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