



Idit

Cylindrical heavy-duty dripline

Crops • Citrus • Apples • Avocado • Mango • Almonds

Applications • Open field • Orchards • Landscaping

Idit is a robust cylindrical turbulent dripline, engineered for reliable irrigation across a wide variety of crops and water qualities. Its long turbulent labyrinth and clog-resistant double inlet filter ensure uniform flow and durability, even under harsh field conditions. Suitable for orchards, row crops, and landscaping, IDIT offers a cost-effective solution that delivers performance growers can count on season after season.

Features & Benefits

- Long Turbulent Labyrinth with wide water passages
- Double inlet filter - ensures always water intake from the upper, cleaner, part of the flow
- Highly resistant to UV and typical agricultural fertilizers
- 100% of drippers are inspected by on-line AI quality assurance system
- Highly clog-resistant cylindrical inlet filter - ensures clean and continuous flow
- Excellent for effluent reused water
- Very low CV

Specifications

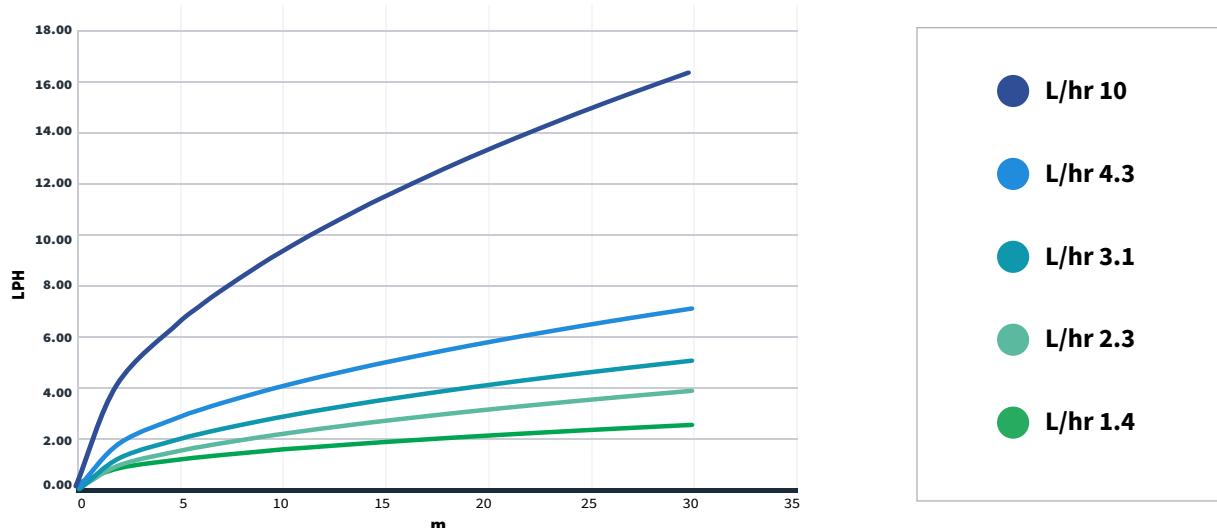
- Drip lines are available at diameters of 16mm
- Available flowrates: 1.4, 2.3, 3.1, 4.3, 10 L/hr
- Drip lines wall thickness range: 0.9-1.20mm
- Available with Rootguard Band® extruded layer to prevent root intrusion in SDI application
- Available with Cleanline® extruded layer to prevent clogging when using water with high organic content
- Color striping available per grower's choice
- Compatible with and approved by ISO9261 standard
- IDIT Drip lines can be manufactured with an additional color layer according to client's request. Available colors include Brown, Purple, white and more



Idit 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)
1.4	21.4	850	1.2X 1.0	0.43	0.51	120/130
2.3	21.4	850	1.2X 1.30	0.68	0.53	120/130
3.1	21.4	850	1.2X 1.58	0.94	0.52	120/130
4.3	21.4	850	1.2X 1.55	1.3	0.52	120/130
10	21.4	850	1.2X 1.55	3.0	0.52	120/130

Flow rate Vs. Pressure



Flow rate Vs. Pressure table

Nominal Flow rate (L/hr)	pressure (m)						
	2	4	6	8	10	20	30
1.4	0.62	0.97	1.07	1.30	1.40	1.98	2.42
2.3	0.98	1.57	1.75	2.16	2.30	3.32	4.12
3.1	1.34	2.14	2.38	2.92	3.10	4.45	5.49
4.3	1.86	2.98	3.30	4.05	4.30	6.17	7.61
10	4.33	6.95	7.67	9.45	10.00	14.34	17.71

Idit

Idit Dripline Technical Data

Model	Ø Inside Diameter (mm)	Wall Thickness (mm)	Max working pressure (m)	KD
IDIT16090	13.8	0.90	30	0.25
IDIT16100	13.8	1.00	40	0.25
IDIT16110	13.8	1.10	40	0.25
IDIT16115	13.8	1.15	40	0.25
IDIT11612	13.8	1.20	40	0.25

Calculate Idit dripline's lateral length
with our [Irrimetzer app!](#)



Keep in touch!

[✉ info@metzeralas.com](mailto:info@metzeralas.com)

[🌐 metzeralas.com](http://metzeralas.com)



Notwithstanding anything to the contrary, (A) any information, data, figures, descriptions or any other content included in, or referred to, this document (collectively - "Information") are provided merely (i) on an "as is", "as available" basis only, without any kind of representation, warranty, liability, responsibility and/or undertaking on the part of Metzeralas and/or anyone acting on its behalf, and (ii) for general, informational purposes only, and (B) the Information or any content contained in this document do not constitute, in any way, any professional advice, recommendation or guidance and/or any sort of consultancy and must not be relied on as such. In making a decision, the recipient or reader of the Information must rely solely on its own calculations and examination of the Information, including the merits and risks involved.