Vardit

Compact PC dripper

Pressure Compensated Dripline

Crops • Citrus • Apples • Avocado • Cherry • Almonds • Roses
Applications • Open field • Orchards • Greenhouses • Landscaping

VARDIT is a compact, integral, pressure-compensated dripper designed for challenging topographies, water qualities, and soil conditions. This efficient and cost-effective PC dripline is the ideal choice for farmers focused on fast ROI and seeking a reliable, long-term drip irrigation solution.

Features & Benefits

- Higley accurate pressure-compensating self-flushing labyrinth mechanism
- Wide range of working pressures for various topographies and crops
- Highly resistant to UV and typical agricultural fertilizers
- Very low CV
- Wide water passages along the primary labyrinth
- The Vardit dripper has the largest effective filtration area in its category
- The thickest silicone diaphragm in its dripper's category ensures accuracy and high-pressure regulating performance for a long lifetime
- 100% of drippers inspected by online AI quality assurance system

Specifications

- Wide self-cleaning labyrinth with turbulent flow to prevent particle settling
- Driplines available at diameters of 16mm, 17mm, 20mm, 22mm,25mm
- Precisely welded into medium/thick wall driplines of 0.40mm-1.25mm thickness
- Available with Rootguard Band® extruded layer to prevent root intrusion in SDI applications
- 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
- Vardit driplines can be manufactured with an additional color layer according to the client's request. Available colors include brown, purple, white, and more

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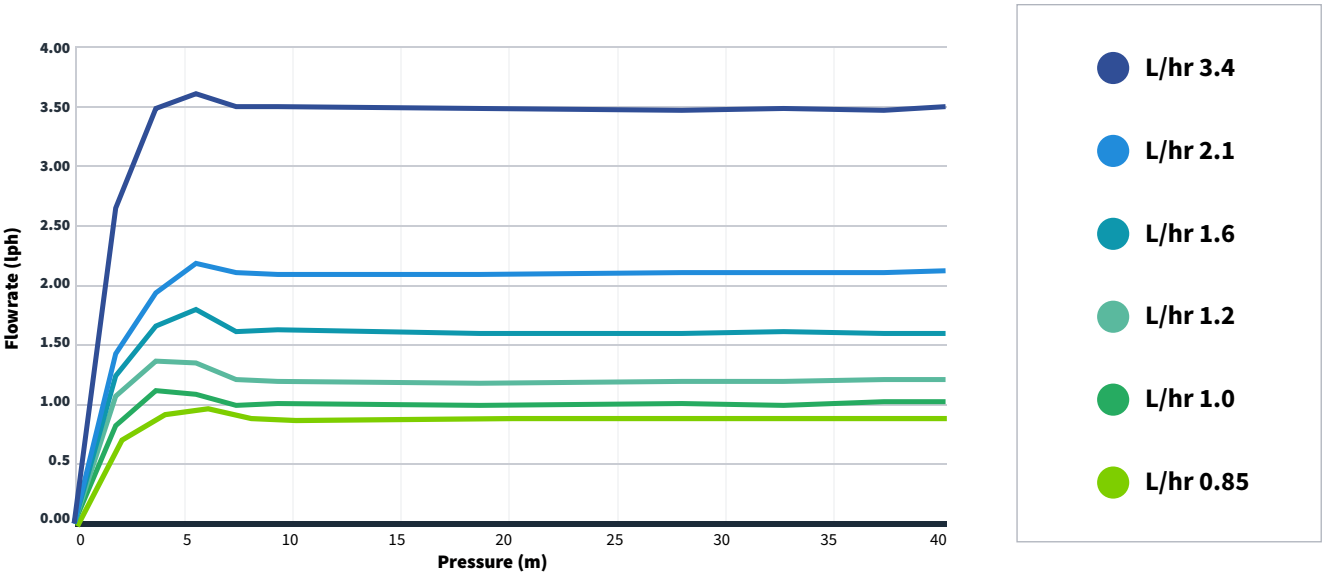
Vardit Dripper Technical Specifications

Flow Rate L/hr	Working Pressure Range (m)	Primary Labyrinth Dimensions Width-Depth (mm)	Compensating Labyrinth Dimensions Width-Depth (mm)	Inlet Filter Slot width (µ)	Filtration Area (mm^2)	Recommended Filtration (micron/mesh)
0.85	8 - 40	0.7X 0.6	0.4X 0.15	580	137.8	120/130
1.0	8 - 40	0.7X 0.6	0.4 X0.15	580	137.8	120/130
1.2	8 - 40	0.72X 0.7	0.45X 0.25	580	137.8	120/130
1.6	8 - 40	0.7X 0.85	0.5X 0.25	580	137.8	120/130
2.1	8 - 40	0.8X 1.0	0.5X 0.3	580	137.8	120/130
3.4	8 - 40	0.8X 1.3	0.6X 0.4	580	137.8	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**	**35**	**40**
0.85	0.68	0.89	0.93	0.86	0.84	0.85	0.85	0.85	0.85
1.0	0.83	1.12	1.09	0.99	1.01	1	1.02	1	1.03
1.2	1.07	1.37	1.36	1.21	1.20	1.19	1.20	1.20	1.21
1.6	1.24	1.67	1.81	1.62	1.63	1.61	1.67	1.62	1.6
2.1	1.44	1.67	1.95	2.11	2.10	2.10	2.11	2.12	2.12
3.4	2.66	3.50	3.63	3.52	3.51	3.5	3.49	3.5	3.49

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Vardit Dripline Technical Data

Model	Ø Inside Diameter (mm)	Wall Thickness (mm)	Max working pressure (m)	KD
VARDIT 16040	15.8	0.4	2.0	0.20
VARDIT 16060	15.2	0.6	2.5	0.22
VARDIT 16100	13.8	1.0	4.0	0.27
VARDIT 16120	13.8	1.2	4.0	0.27
VARDIT 17060	15,8	0.6	2.5	0.20
VARDIT 17100	15.0	1.0	4.0	0.22
VARDIT 20100	17.4	1.0	3.5	0.10
VARDIT 22110	21.0	1.1	3.5	0.08
VARDIT 25100	24.7	1.0	3.5	0.05

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

Keep in touch!

info@metzerplas.com metzer-group.com