Vered

Heavy duty driplines

Pressure Compensated

Crops • Citrus • Apples • Avocado • Cherry • Almonds
Applications • Open field • Orchard • subsurface drip irrigation

VERED is a heavy-duty flat pressure compensated dripper, designed for challenging water qualities and soil. This legacy dripline has been serving farmers for decades, assuring reliable and trust-worthy irrigation. Vered's proven record is driving loyal Orchard growers as well as new Open Filed crops growers to choose Vered time after time, trusting that this robust Dripline will perform at its best when it will really matter and insure uniformed and precise irrigation to their plants.

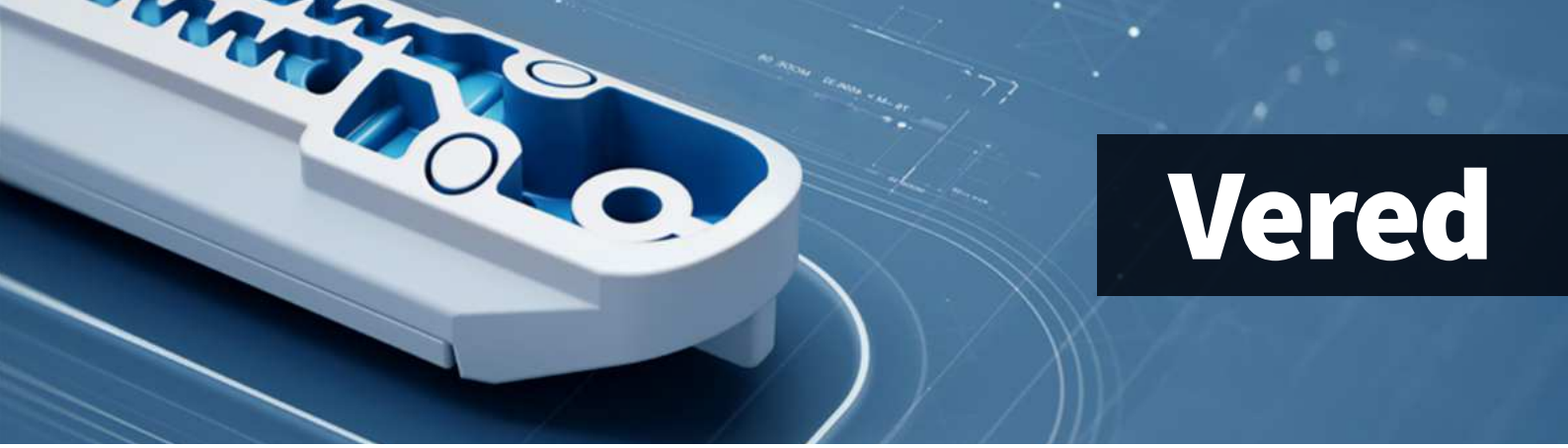
Features & Benefits

- Advanced self-flushing mechanism at the beginning and at the end of each irrigation cycle
- Unique and accurate pressure-compensating labyrinth mechanism
- Wide range of working pressures for various topographies
- Highly resistant to UV and typical agricultural fertilizers
- Very low CV
- Highly durable and reliable structure designed for harsh water conditions
- The Vered dripper has the largest effective filtration area in the market
- 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
- Compatible with and approved by ISO9261 standard

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 0.60mm-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

metzer



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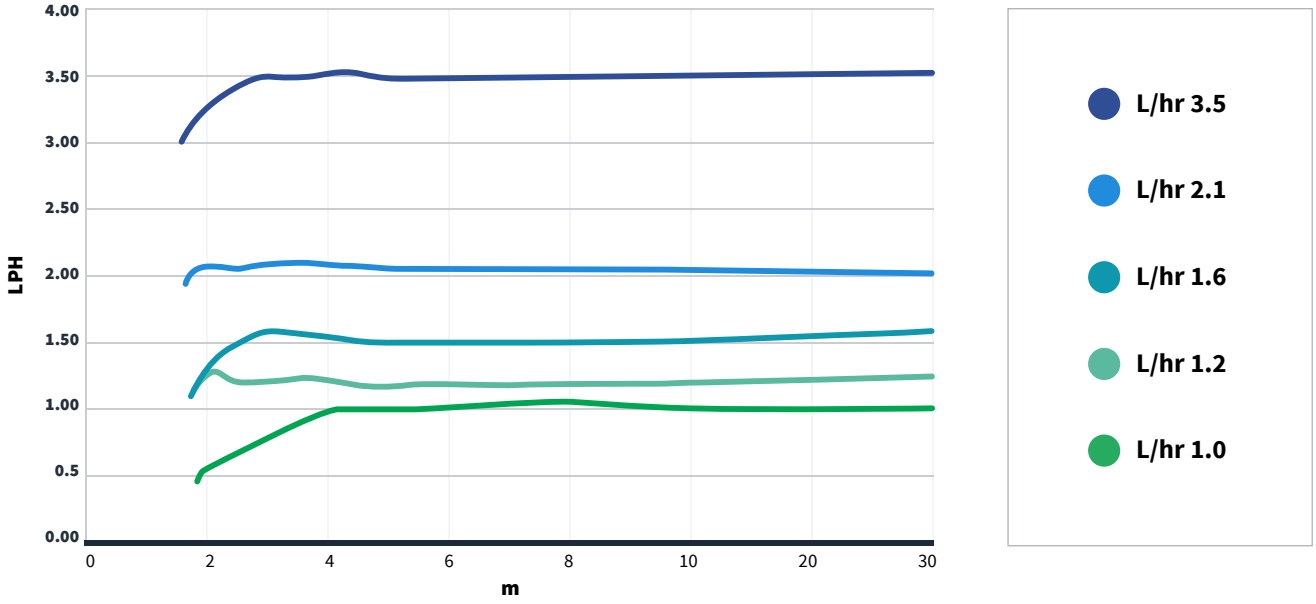
Vered Dripper Technical Specifications

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)	Effective Filtration Area (mm^2)	Recommended Filtration (micron/mesh)
1	5-40	0.7X 0.9	0.4X 0.3	730	52.5	120/ 130
1.2	5-40	0.8X 0.9	0.4X 0.3	730	52.5	120/ 130
1.6	5-40	09X 1.0	0.5x 0.3	820	52.5	120/ 130
2.1	5-40	0.95X 1.05	0.6X 0.4	870	52.5	120/ 130
3.5	5-40	1.3X 1.4	0.7X 0.5	1230	52.5	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	0.5	0.8	1.02	1.08	1.01	1.00	1.01
1.2	1.25	1.28	1.28	1.27	1.25	1.23	1.26
1.6	1.26	1.61	1.62	1.58	1.56	1.58	1.65
2.1	2.03	2.18	2.22	2.2	2.17	2.14	2.14
3.5	2.57	3.3	3.44	3.47	3.4	3.45	3.48

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VERED Dripline Technical Data

Model	Ø Inside Diameter (mm)	Wall Thickness (mm/mil)	Max working pressure (m)	KD
VERED 16060	15.2	0.60	2.5	0.65
VERED 16090	15	0.90	3.0	0.95
VERED 16100	13.8	1.00	4.0	0.95
VERED 16115	13.8	1.15	4.0	0.95
VERED 16120	13.8	1.20	4.0	0.95
VERED 17090	15	0.90	3.0	0.7
VERED 17115	15	1.15	4.0	0.7
VERED 20120	15	1.20	3.5	0.6
VERED 20125	17.4	1.25	3.5	0.6
VERED 22090	21	0.90	3.0	0.24
VERED 22100	21	1.00	3.5	0.24
VERED 25100	24.7	1.00	3.5	0.21

Unlock accurate VERED dripline lateral length calculations easily with the **Irrimetzer app!**

Stay in touch!

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