



LeachFlow™ V

Heap Leaching for Gold & Silver mines

Designed for heap leaching operations in gold and silver mines, LeachFlow™ V is an integral 'Heavy duty' pressure-compensated dripper engineered for uniform leaching application under demanding field conditions. Its high clog-resistance flow path and advanced pressure-regulating mechanism ensure consistent discharge across long laterals and sloped pads. The system maintains stable and reliable flow distribution from the top of the heap to the lowest elevation, even under challenging water qualities quality and variable hydraulic conditions.

Specifications

- **Dripline diameters:** 16mm, 20mm
- **Dripline wall thickness:** 0.90mm-1.25mm
- **Drippers spacing:** 10cm and up
- **Dripper's waterflow:** 1/1.2/1.6/2.1/3.5 L/hr
- **Compensation range:** 5-40m

Features & Benefits

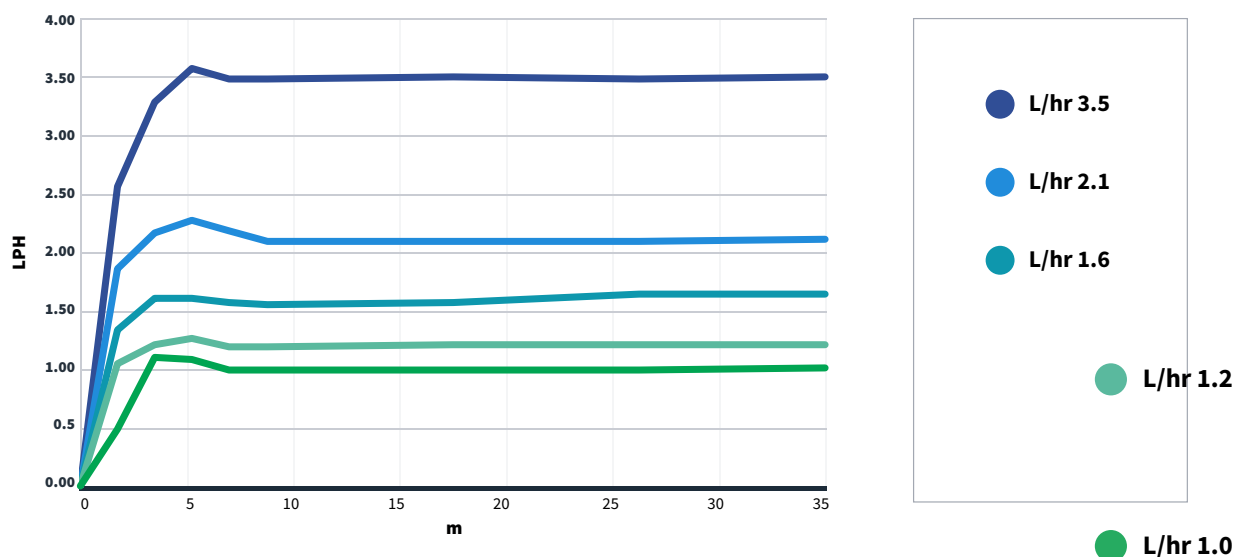
- Advanced self-flushing mechanism at the beginning and at the end of each irrigation cycle
- Unique and accurate pressure-compensating labyrinth mechanism
- Wide self-cleaning labyrinth with turbulent flow to prevent particle settling
- Wide range of working pressures for various Heap slopes
- Very low CV
- Highly durable and reliable structure designed for harsh water conditions
- 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

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LeachFlow V Dripline 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 (mm²)	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	0.9X 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



LeachFlow V Dripline Technical Data

Model	Ø Inside Diameter (mm)	Wall Thickness (mm)	Max working pressure (m)	KD
LeachFlow V 16090	15	0.90	3.0	0.95
LeachFlow V 16100	13.8	1.00	4.0	0.95
LeachFlow V 16115	13.8	1.15	4.0	0.95
LeachFlow V 16120	13.8	1.20	4.0	0.95
LeachFlow V 20120	15	1.20	3.5	0.6
LeachFlow V 20125	17.4	1.25	3.5	0.6

Keep in touch!



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