



LeachFlow™ R

Heap Leaching for Gold & Silver mines

Designed for heap leaching operations in gold and silver mining, LeachFlow™ R is an integral compact 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 solution quality and variable hydraulic conditions.

Specifications

- **Dripline diameters:** 16mm, 20mm, 22mm
- **Dripline wall thickness:** 1.0mm-1.25mm
- **Drippers spacing:** 10 cm and up
- **Dripper's waterflow:** 1/1.2/1.6/2.1/3.4 L/hr
- **Compensation range:** 8-40 m.

Features & Benefits

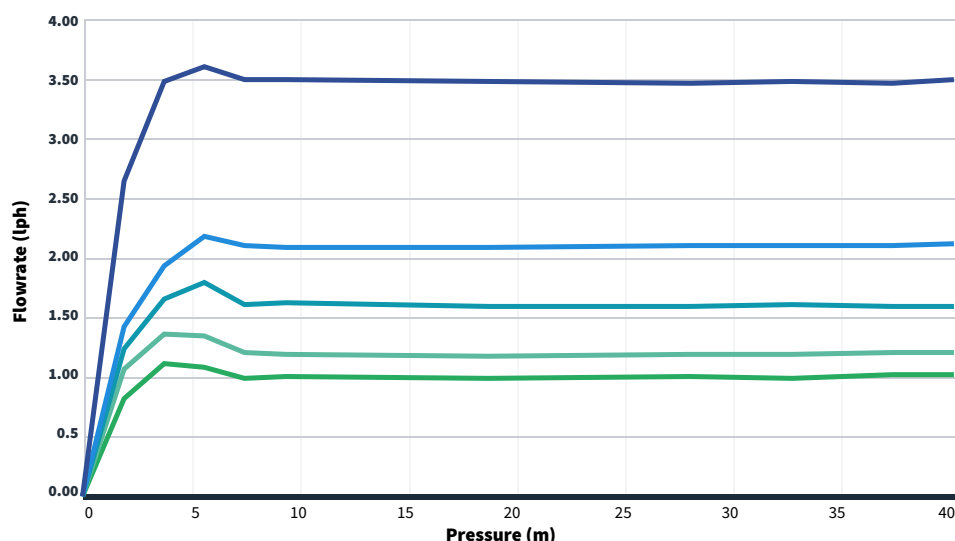
- Highly accurate pressure-compensating self-flushing labyrinth mechanism
- Wide range of working pressures for various topographies and heap slopes
- Highly resistant to UV and chemical abrasions
- Very low CV
- Wide water passages along the primary labyrinth
- Has the largest filtration area in its 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
- Wide self-cleaning labyrinth with turbulent flow to prevent particle settling

LeachFlow™ R

LeachFlow R 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



- L/hr 3.4
- L/hr 2.1
- L/hr 1.6
- L/hr 1.2
- L/hr 1.0

LeachFlow R Dripline Technical Data

Model	Ø Inside Diameter (mm)	Wall Thickness (mm)	Max working pressure (m)	KD
LeachFlow R 16100	13.8	1.0	4.0	0.27
LeachFlow R 16120	13.8	1.2	4.0	0.27
LeachFlow R 20100	17.4	1.0	3.5	0.10
LeachFlow R 22110	21.0	1.1	3.5	0.08

Keep in touch!

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