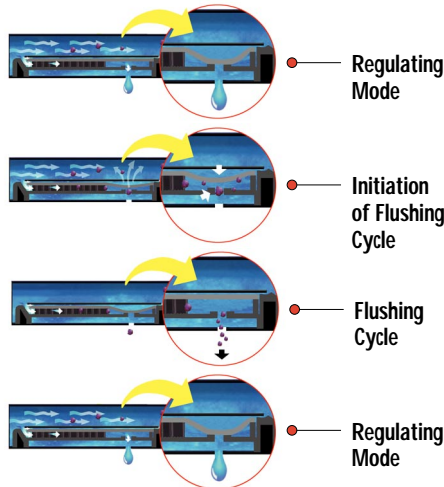


BioLine Dripperline



Pressure Compensating Dripperline for Wastewater



BioLine's Self-Cleaning, Pressure Compensating Dripper is a fully self-contained unit molded to the interior wall of the dripper tubing.

As shown at left, BioLine is continuously self-cleaning during operation, not just at the beginning and end of a cycle. The result is dependable, clog free operation, year after year.

Product Advantages

The Proven Performer

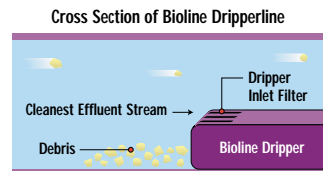
- Tens of millions of feet used in wastewater today.
- Bioline is permitted in every state allowing drip disposal.
- Backed by the largest, most quality-driven manufacturer of drip products in the U.S.
- Preferred choice of major wastewater designers and regulators.
- Proven track record of success for many years of hard use in wastewater applications.

Quality Manufacturing with Specifications Designed to Meet Your Needs

- Pressure compensating drippers assure the tightest application uniformity - even on sloped or rolling terrain.
- Excellent uniformity with runs of 400 ft. or more reduce installation costs.
- Highest quality-control standards in the industry: Cv of 0.25 (coefficient of manufacturer's variation).
- A selection of flows and spacings to satisfy the designer's demand for almost any application rate.

Long-Term Reliability

- Protection against plugging:
 - Dripper inlet raised 0.27" above wall of tubing to prevent sediment from entering dripper.
 - Drippers impregnated with Vinyzene to prevent buildup of microbial slime.
 - Unique self-flushing mechanism passes small particles before they can build up.



Root Safe

- A physical barrier on each BioLine dripper helps prevent root intrusion.
- Protection never wears out - never depletes - releases nothing to the environment.
- Working reliably for up to 15 years in subsurface wastewater installations.
- Additional security of chemical root inhibition with Techfilter - supplies Trifluralin to the entire system, effectively inhibiting root growth to the dripper outlets.



Applications

- For domestic strength wastewater disposal.
- Installed following a treatment process.
- Can be successfully used on straight septic effluent with proper design, filtration and operation.
- Suitable for reuse applications using municipally treated effluent designated for irrigation water.

Specifications

Wall thickness (mil): 45*

Nominal flow rates (GPH): .4, .6, .9*

Common spacings: 12", 18", 24"*

Recommended filtration: 120 mesh

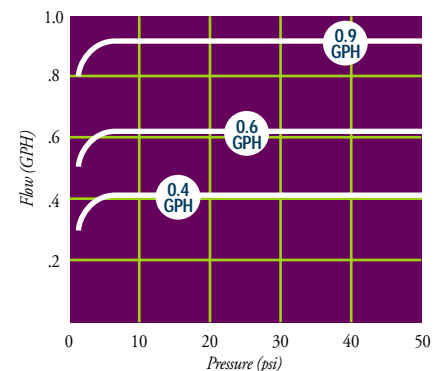
Inside diameter: .570*

Color: Purple tubing indicates non-potable source.

*Additional flows, spacings, and pipe sizes available by request. Please contact Netafim USA Customer Service. for details.



BIOLINE Flow Rate vs. Pressure



DRIPPER FLOW PATH DIMENSIONS

Dripper	Length	Depth	Width
0.4 GPH	.75"	.037"	0.040"
0.6 GPH	.75"	.045"	0.044"
0.9 GPH	.75"	.047"	0.060"

DRIPPER HYDRAULIC PERFORMANCE

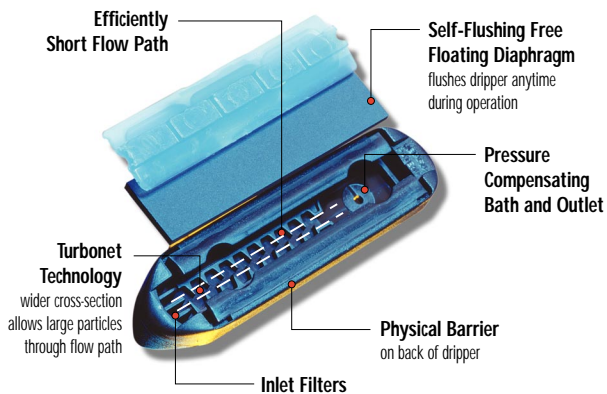
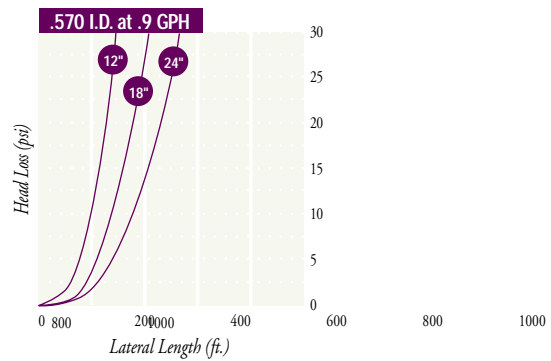
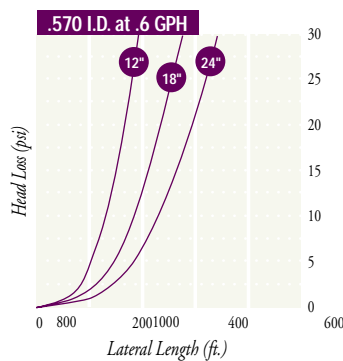
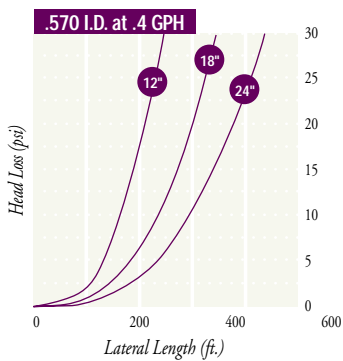
Dripper	Kd	Exponent (x)	Constant (K)
0.4 GPH	.9	0	.42
0.6 GPH	.9	0	.61
0.9 GPH	.9	0	.92

UNIFORMITY

Dripper	Cv
0.4 GPH	0.25
0.6 GPH	0.25
0.9 GPH	0.25

OPERATING RECOMMENDATIONS

Dripper	Minimum Pressure	Maximum Pressure	Minimum Filtration
0.4 GPH	10 psi	60 psi	120
0.6 GPH	10 psi	60 psi	120
0.9 GPH	10 psi	60 psi	120



BIOLINE Flushing Velocity

