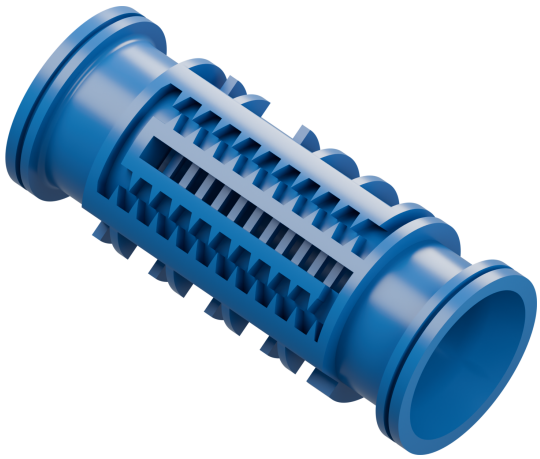
Sandguard

Non-pressure-compensating
Round dripper for well water



Developed for agricultural irrigation with well water. A long labyrinth, extra-large flow-path cross-section and elevated filter combine clog resistance with a compact, economical body.

Engineered for reliable irrigation

Clog-resistant flow path

A long labyrinth with a large cross-section helps reduce the risk of clogging as sediment accumulates.

Elevated filter

The elevated filter draws from faster-moving water near the pipe center, helping limit sediment buildup at the inlet.

Compact construction

An efficient design accommodates a long flow path in an economical overall size.

Uniform water delivery

A dripper CV below 5% and flow exponent of ≤0.5 support predictable hydraulic performance.

Accurate perforation

Increased outside diameter supports accurate, high-speed perforation during manufacture.

Quality and durability

Premium virgin polyethylene with protective additives provides resistance to UV degradation and commonly used fertilizers and chemicals.

Technical overview

Nominal flows at 1 bar
2 / 4 L/h

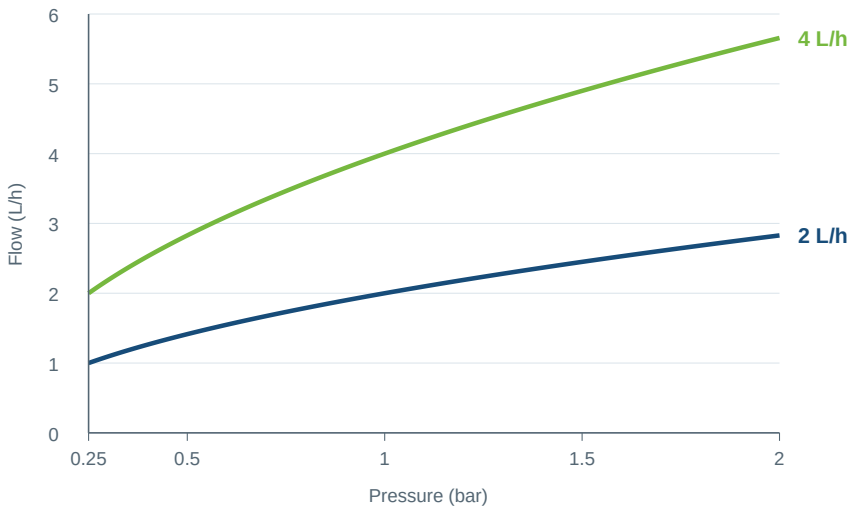
Configuration
Non-pressure-compensating (NPC)

Pipe diameters
16 / 20 mm

Coefficient of variation (CV)
<5%

Flow exponent
≤0.5

Sandguard flow rates



Technical data is a guide. Actual results may vary depending on manufactured pipe characteristics.