



DEPENDABLE LEACH MINING SOLUTIONS

DRTS is a worldwide leading drip technology provider for the past 30 years and is always striving forward with innovative products and solutions.

We offer a complete range of products to support the leach mining industry.



www.drts.com

Minoro™

Non-PC Dripper with Unparalleled Clogging Resistance

Specially developed for leach/heap mining, the Minoro dripper employs an extra-large flow path cross-section, long Omniflow™ labyrinth and elevated filter to create a mining dripper with excellent clogging resistance.

Available in 16mm Diameter 1, 2 and 4 LPH

Advantages and Benefits

Exceptionally Uniform Flow

Dripper CV of <3% ensures flow uniformity between drip outlets.

Long Flow path

A long labyrinth with large cross-sectional area provides a long flow path for a gradual drop in pressure over the entire emitter.

High Performance

Longer pipe runs with <0.5 emitting exponent and 2:1 pressure loss to flow loss.

Elevated Filter

The elevated filter draws from water that is closer to the center of the pipe where water travels at high velocity. The higher velocity helps keep the filter surface clean while the elevated filter entrance inhibits solids from settling on it between flow cycles, regardless of dripper orientation in the pipe.

Ease of Manufacturing

Increased OD enables high-accuracy and higher speed perforation.

Omniflow™ Advantage

Patented Omniflow™ design eliminates labyrinth dead zones to maintain consistent turbulence, reducing the settling of suspended solids to prevent clogging.

Extremely Clog-Resistant

The long labyrinth and large cross-sectional design ensure that gradual and unavoidable sedimentation on the labyrinth surface do not clog the emitter.

Built-in Quality and Durability

Constructed with 100% premium virgin polyethylene and additives for resistance to UV degradation and damage caused from commonly used chemicals and fertilizers.

Certified Uncloggable

Minoro™ performs flawlessly, maintaining nominal flowrates despite 240 to 70-mesh grit contained in solution. Clog tested and verified by the US Center for Irrigation Technology (CIT).

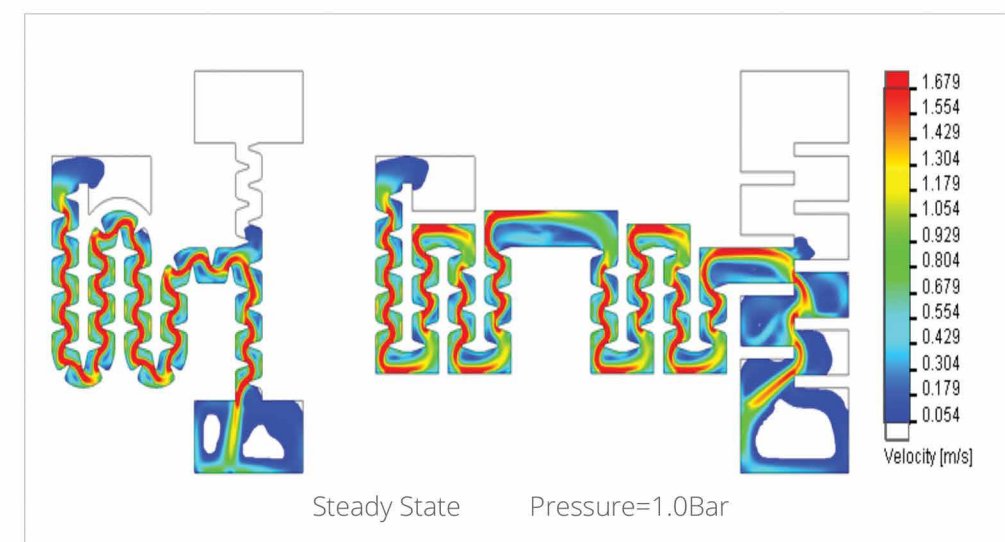


Omniflow™

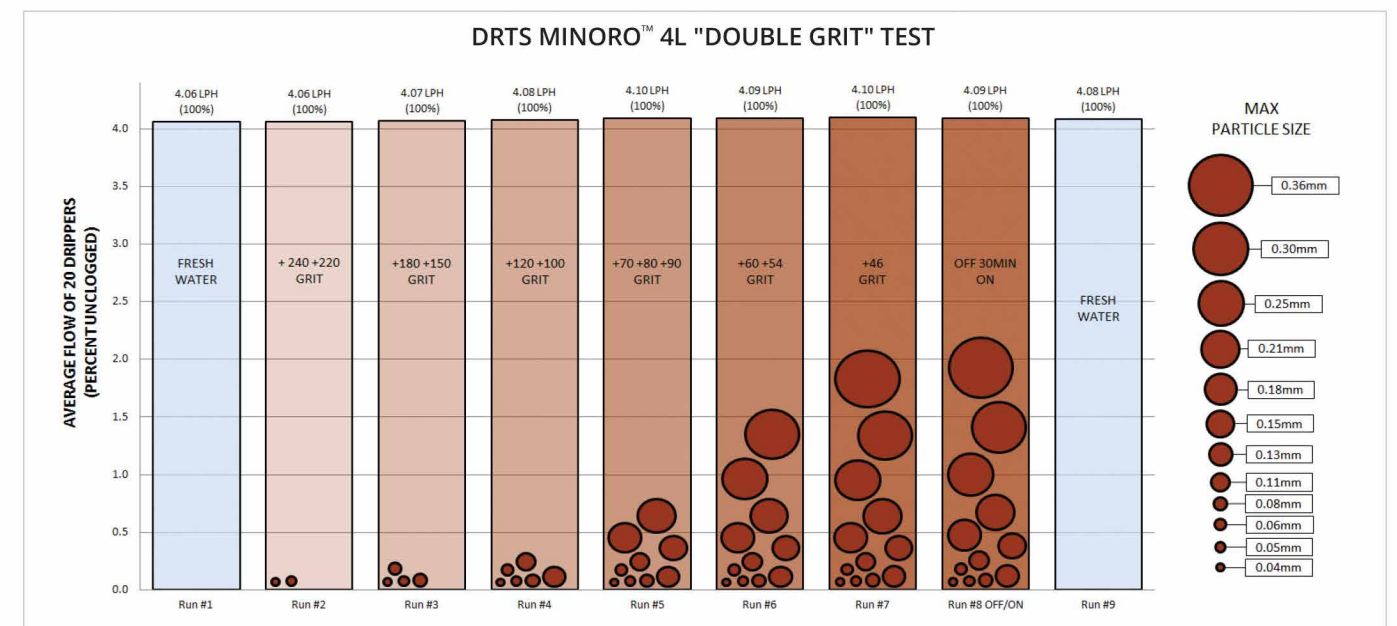
The Next Generation of Dripper Technology

DRTS Omniflow™ takes emitter technology to a new level of efficiency. A high velocity flowpath travels consistently through the entire labyrinth at lower pressures. Steady flow and no turbulence dead zones reduce settling of suspended solids in water.

Omniflow™ Labyrinth Vs Traditional Labyrinth



Center For Irrigation Technology





Driplines

Incorporated with the Minoro™ dripper. Available in various flows, wall thickness, spacing and coil length



uPVC Valve

Simple structure, easy maintenance, solvent welding, low energy losses, resistant materials

*Also available in Iron models



Check Valve

Reliable solution, made of a strong body, available in multiple sizes



Air Vents

Made to resist corrosion caused by various liquids in the mine environment. Available in fabricated iron, stainless steel and polypropylene for a cost effective solution



Layflat Pipe

Available from 2-8" for low and high pressure applications. A cost effective, easy to install water supply solution



Laylat Fittings

Durable, easy to use and easy to install, without need for metal clamps



Drip Line Fittings

Available in multiple sizes and multiple options of connection, made of resistant materials