

N E T A F I M U S A



MEETING THE NEEDS OF THE MINING AND ENERGY INDUSTRY



THE TOTAL SYSTEM SOLUTION

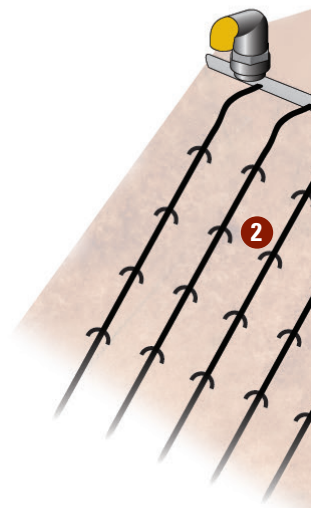


1 DRIPLINE

Leach Line™ A - Patented TurbuNext™ technology allows for a wide flow path with angled teeth to maximize water flow velocity and eliminate clogging - features which are critical for the proper performance of a dripper.

DRIPLINE FITTINGS

(Barbed, Twist-Lock and others) - hose couplings, adapters, elbows and male adapters securely connect the driplines to the supply line.



2 SLOPE SOLUTIONS

Mine Line™ Dripline - pressure compensating for flexibility of leaching even on sloping terrain - supplying a uniform flow of solution from the top of the pad to the bottom of the slope.

DRIPLINE CLIPS

Factory installed clips ensure the solution goes where it should, rather than running down the pipe.

PRESSURE REGULATORS

Factory-installed in dripline or individual to manage flow and pressure in dripline applications on flat or slope areas.

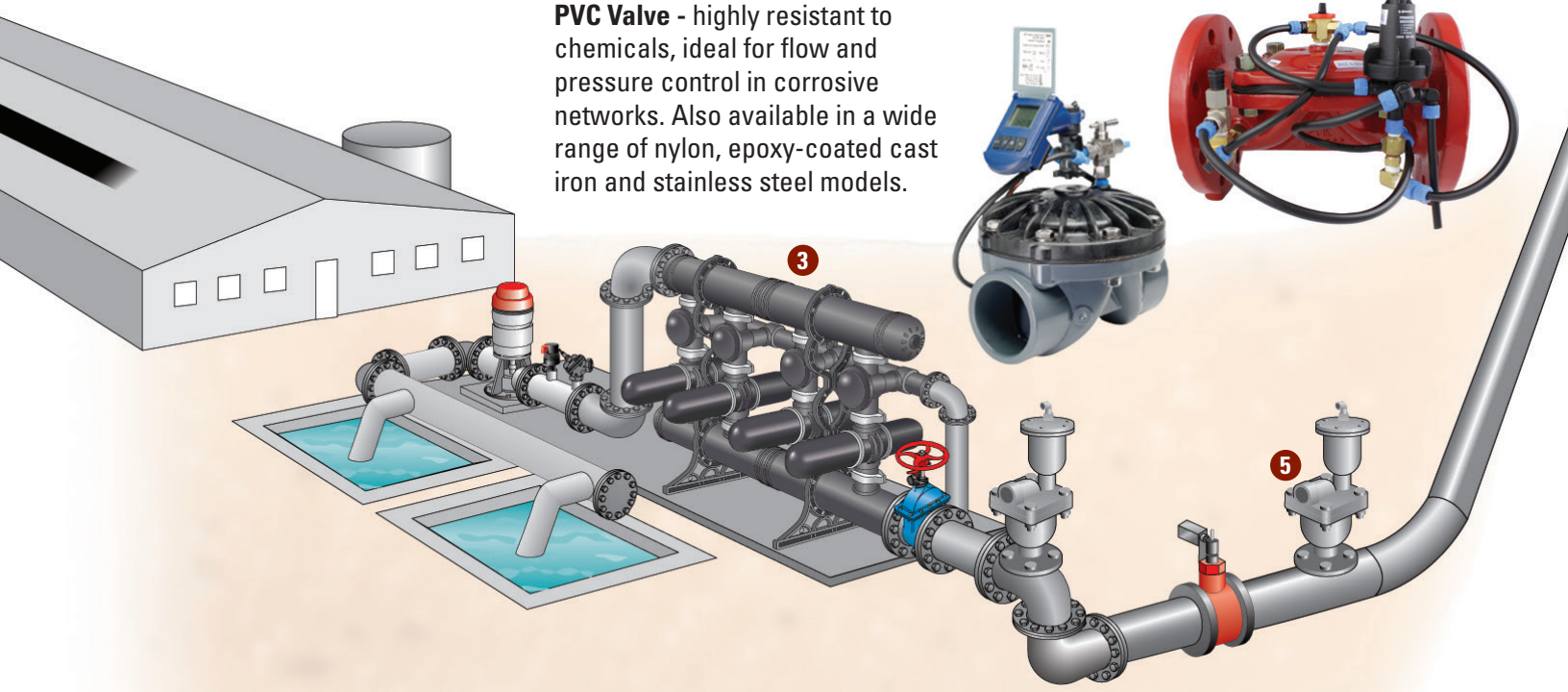


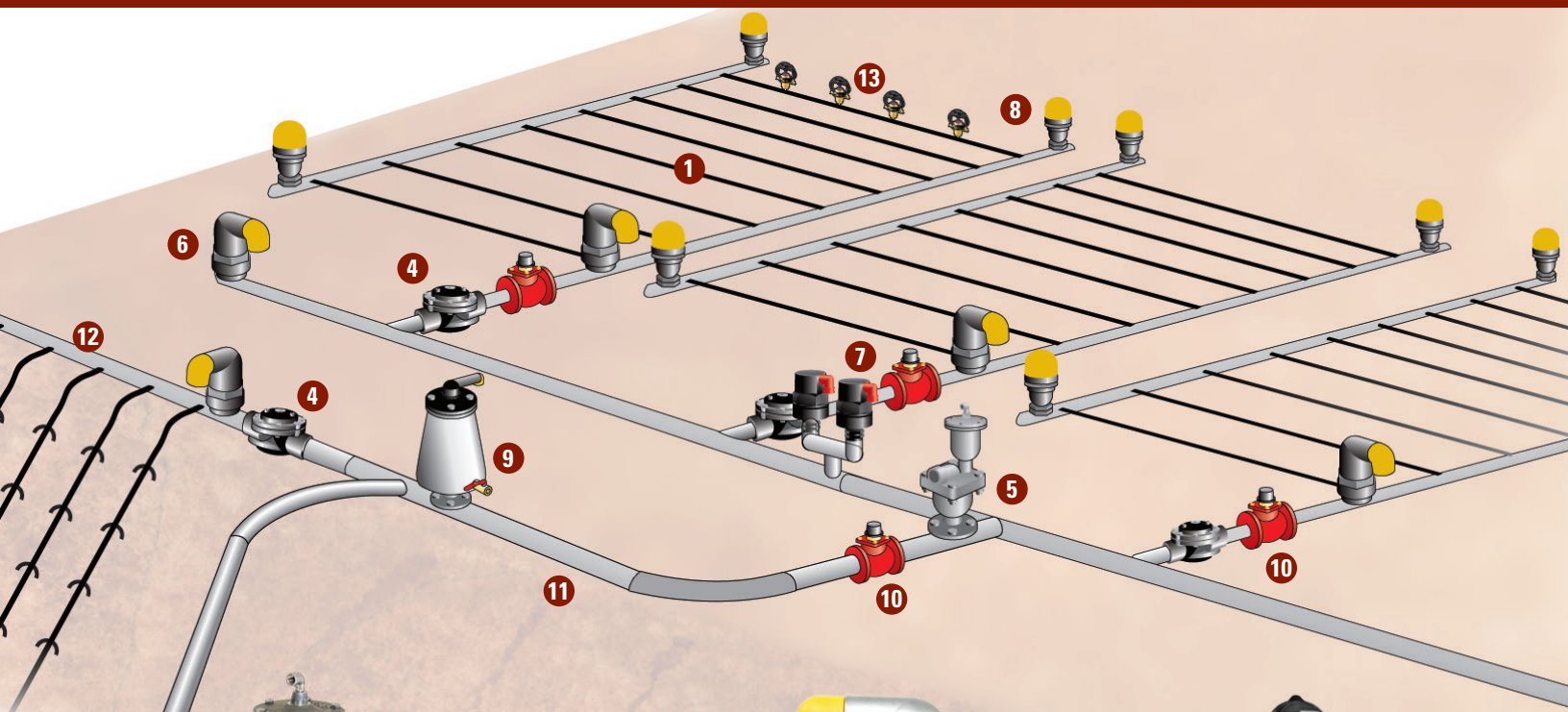
3 FILTERS

Apollo Automatic Self-Cleaning Disc Filter - provides maintenance-free depth filtration for a wide range of mining applications. **Also Available:** Manual and Automatic Disc Filters, Scan-Kleen Screen Filters and Hydrocyclone Separators.

4 VALVES

PVC Valve - highly resistant to chemicals, ideal for flow and pressure control in corrosive networks. Also available in a wide range of nylon, epoxy-coated cast iron and stainless steel models.





AIR VALVES

Industrial Continuous Acting Air and Vacuum Breakers - guarantee total separation of solution from the sealing mechanism. Available in fabricated iron and stainless steel in a wide variety of models and sizes.



Air Valves - proven design delivers more air release capacity than other valves of similar sizes. Available in polypropylene and stainless steel.



WATER METERS

Water Meters - quality performance and long-life flow measuring. Ideal for Gold Mines. Available in sizes ranging from 3" to 12".



HIGH PRESSURE SUPPLY PIPING

Layflat Pipe - Flexible, high pressure, heavy duty pipe in variety of sizes.



LOW PRESSURE SUPPLY PIPING

FlatNet™ - Flexible, easy-to-handle, store and transport supply line with integral threaded connections for drip laterals.

SPRINKLERS

Sprinklers for leaching, evaporation and reclamation. Available in several diameters, pressure and GPM ranges for copper, gold and silver.



PRODUCTS

DRIPLINES

LEACH LINE™ A

Designed for Copper, Gold & Silver

- Patented TurbuNext™ technology allows for a wide flow path and angled teeth to maximize water flow velocity and eliminate clogging - features that are critical for proper dripper performance.
- Non-pressure compensating
- On-surface or subsurface application
- Various emitter flow rates and spacings

MINE LINE™

Designed for Gold & Silver

- Patented TurboNet™ technology allows for a wide labyrinth cross-section while keeping the labyrinth very short - these features are critical for proper dripper performance.
- Pressure compensating up to 60 psi for uniform flow rates
- Great for slope solutions, uneven surfaces & long runs
- On-surface or subsurface application
- Various emitter flow rates and spacings

MINE LITE™

Designed for Copper, Gold & Silver

- Patented TurboNet™ technology allows for a wide labyrinth cross-section while keeping the labyrinth very short - these features are critical for proper dripper performance.
- Non-pressure compensating
- Used in short leach-time applications
- On-surface or subsurface application
- Various emitter flow rates and spacings

DRIPLINE FITTINGS & CLIPS

- Factory-installed clips to accurately target dripper flow
- Barbed, Twist-Lock and other connections including couplers, adapters & elbows that securely connect dripline to piping
- Inline Pressure Regulators:
 - 3/4"
 - 0.25 - 4.4 GPM
 - 15, 20, 25 & 35 psi

SUPPLY PIPING & FITTINGS

- FlatNet Pipe & Fittings:
 - Flexible, portable, easy to transport pipe with threaded dripline connections
 - A cost effective, easier-to-handle & store alternative to rigid PVC
 - 4" Rated at 43 psi (3 bar)
- LayFlat Pipe & Fittings:
 - Flexible, high-pressure, heavy-duty pipe for supply lines
 - A cost effective, easier-to-handle & store alternative to rigid PVC

FILTERS

- Manual Disc Filters for Gold & Silver: 3/4" - 6" (1 - 600 GPM)
- Automatic Disc Filters: 1 - 3,200 GPM
- Scan Kleen Filters: 3" - 6" (250 - 600 GPM) (Scalable)
- Hydrocyclones: 3" - 30" (9 - 1,600 GPM)

VALVES

- Nylon, PVC, Epoxy-Coated Iron & Stainless Steel
- Threaded, Slip, Grooved & Flanged
- 2-Way & 3-Way Operation
- Manual, Electric (AC & DC) & Hydraulic (NO & NC) Operators
- Pressure Reducing
- Pressure Sustaining
- Quick-Reacting Pressure Relief
- Available from 3/4" - 24" (1 - 16,000 GPM)
- Pressure ratings from 115 - 235 psi

MANUAL VALVES

- For Copper, Gold & Silver
- Corrosion and Acid Resistant
- Threaded, Slip & Flanged Ends
- Union and Non-Union Inlet/Outlet
- Various Sizes and Pressure Ratings

AIR VALVES

- Air & Vacuum Valves:
 - Polypropylene/Reinforced Nylon - 150 psi
 - Cast Iron, Ductile Steel, Stainless Steel - up to 580 psi
 - Fabricated Steel (Cast Iron Cover), Stainless Steel - 250 psi
- Combination Air Valves:
 - Ductile Iron, Stainless Steel - up to 580 psi
 - Fabricated Steel and Reinforced Nylon, Stainless Steel - 250 psi
 - Fabricated Steel (Cast Iron Cover), Stainless Steel - 250 psi
 - Reinforced Nylon, Stainless Steel - 150 psi
 - Reinforced Nylon, Polypropylene, Stainless Steel - up to 250 psi
 - Cast Iron, Ductile Iron - 250 psi
- Continuously Acting Automatic Air Release Valves:
 - Cast Iron, Ductile Iron, Stainless Steel - up to 900 psi

FLOW METERS for Gold & Silver

- 3/4" - 12" in Polypropylene & Cast Iron
- 0.2 - 8,800 GPM
- Broad selection of registers

SPRINKLERS for Leaching, Evaporation & Reclamation

- For Copper, Gold & Silver:
 - 30' - 45' Wetted Diameter
 - 25 - 50 psi
 - Spacings up to 30' x 30'
 - 0.8 - 2.2 GPM
- For Gold & Silver:
 - 40' - 60' Wetted Diameter
 - 25 - 50 psi
 - Spacings up to 40' x 40'
 - 1.0 - 3.3 GPM



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