



ASSURED FLOW SALES, INC.

A FULL PRODUCT LINE FOR THE
**INSTALLATION, OPERATION &
MAINTENANCE OF FIRE HYDRANTS**
AND OTHER UNDERGROUND UTILITIES



Gradelok.com

Assured Flow Sales, Inc. | P.O. Box 49633 | Sarasota, FL 34230-6633
(800) 388-0678 | sales@gradelok.com



NEW!

DOWNLOAD
OUR BRAND NEW
**SMART-TRAK H2O ASSET
MANAGEMENT APP**



GRADELOK®

Specified By Utility Experts Everywhere

Many times during installation, a hydrant is set far below or above grade. Using Gradelok® gives you the ability to set a hydrant perfectly to grade, any time an installation takes place. Get it right the first time with Gradelok®.

Specifying Gradelok® gives you the advantages of a restrained joint and grade adjustment in a single fitting. You'll provide enhanced aesthetic appearance by having all fire hydrants set exactly to grade. Plus, you'll save time and money by eliminating expensive extension kits and concrete thrust devices. Be sure to specify Gradelok®, the system providing the very best hydrant installation available.

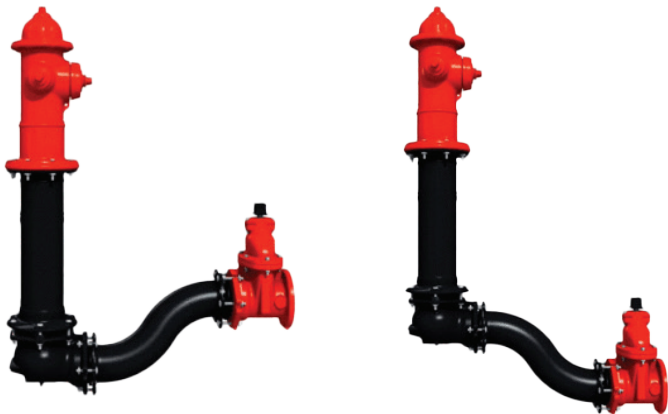
REASONS FOR SPECIFYING GRADELOK®

- Reduced installation costs and taxpayer budget savings are an important consideration, but public utility directors, politicians and taxpayers should demand the specification of Gradelok® for the public safety benefits!
- Fire Department wrenches – approximately 15" long – need appropriate clearance from groundline to nozzle centerline of 18" to spin the caps off quickly in an emergency.
- At properly installed nozzle centerline of 18", ONE firefighter can easily attach a suction hose by holding it between their knees while threading the coupling. Hydrants installed too high or low require at least TWO firefighters to hook up.
- The 18" distance is the most effective to enable a fire hydrant's traffic feature to break properly upon impact. If the traffic flange is buried or set too high, chances of it breaking correctly upon impact are greatly reduced.
- The traffic flange is always exposed, easily inspected for damage or leakage during routine maintenance.
- At a uniform installation height, firefighters can most quickly identify fire hydrant locations in an emergency.



BUILT TO LAST

Gradelok® is manufactured of 350 Ductile Iron, cement-lined inside and tar-coated outside for corrosion protection, and conforms to AWWA C153/ANSI A21.53/AWWA C104/ANSI A21.4.

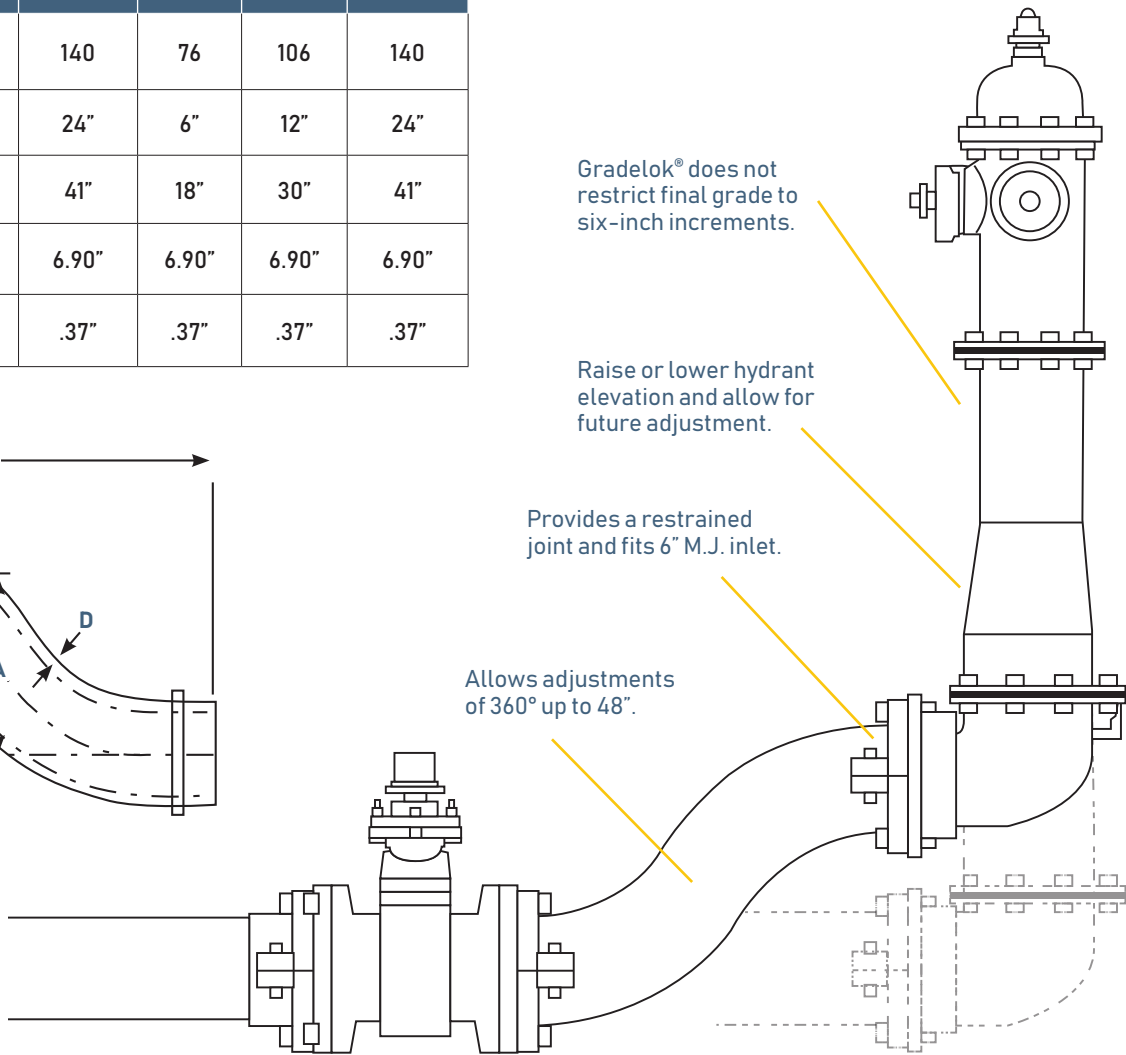
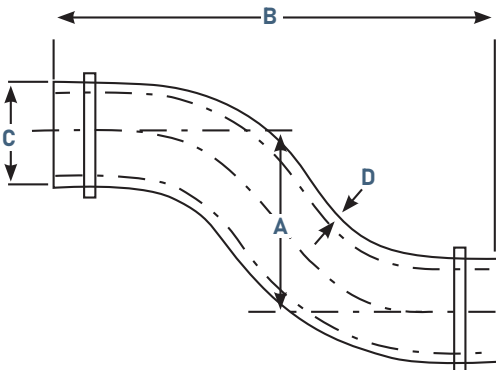


Need to Raise or Lower the Hydrant? ▲

Just rotate the Gradelok® to allow the break flange to be at the proper grade.

AVAILABLE SIZES

	6" x 6"	6" x 12"	6" x 24"	6" x 6" MJ	6" x 12" MJ	6" x 24" MJ
wt (lbs.)	72	100	140	76	106	140
A	6"	12"	24"	6"	12"	24"
B	18"	30"	41"	18"	30"	41"
C	6.90"	6.90"	6.90"	6.90"	6.90"	6.90"
D	.37"	.37"	.37"	.37"	.37"	.37"



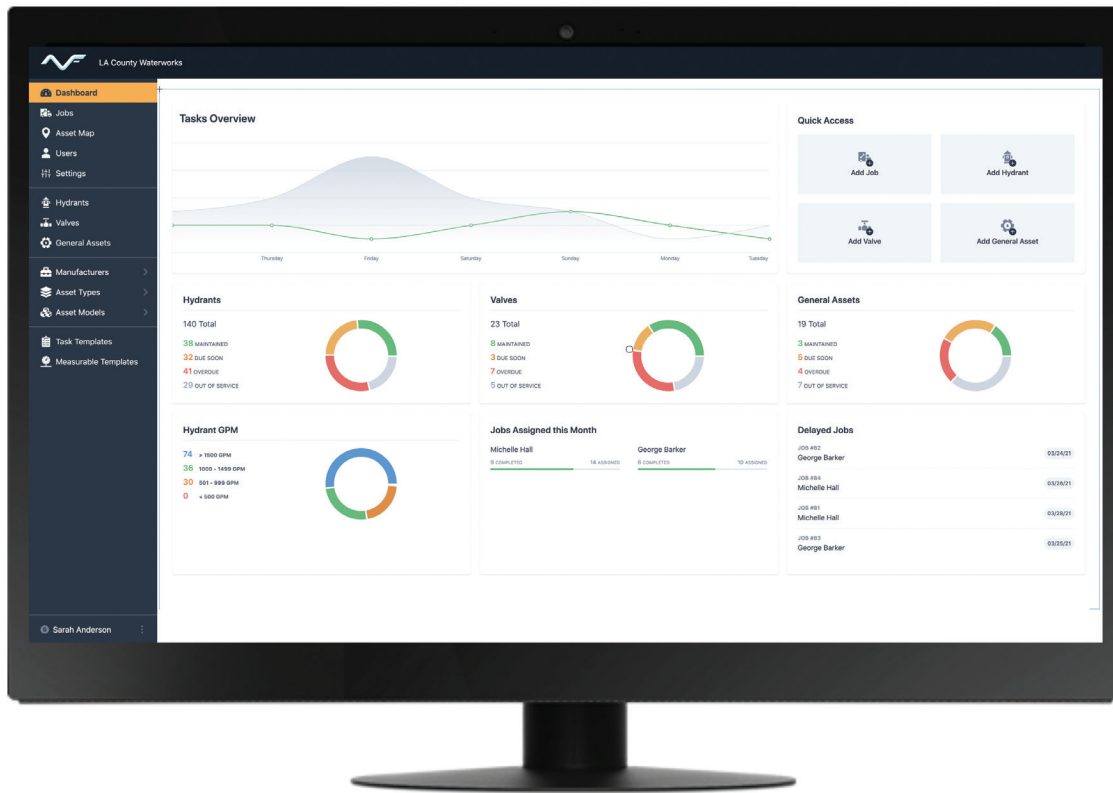


NEW!

SMART-TRAK H2O: UTILITY ASSET INTELLIGENCE

Introducing Assured Flow's Smart-Trak H2O Utility Asset Intelligence, a unique asset management program serving the underground utilities industry.

This innovative, intuitive asset management software is designed to help cities, counties, fire departments and other clients proactively manage their network of water utility assets.



DASHBOARD: The administrative website Dashboard offers an at-a-glance view of assets and jobs. From here, it's easy to assign tasks, dispatch crews, see notifications from the field, produce reports, add new assets and more.

How it Works

Smart-Trak H2O compiles a network of fire hydrants, distribution valves and miscellaneous specialty items into a multi-functional and customizable database, allowing for an easy view of all assets in a water distribution system that require service and maintenance.



The administrative website portal enables project managers, dispatchers and other managerial personnel to see what assets require service or maintenance based on data previously entered in the smartphone app or administrative website portal.



When assets are due soon, past due or out of service, management can assign tasks to field employees in real time, based on the needs of their water system. Completing these assigned tasks in the field will not only make a water distribution system's assets current but will also improve the overall quality and reliability of the distribution system as a whole.

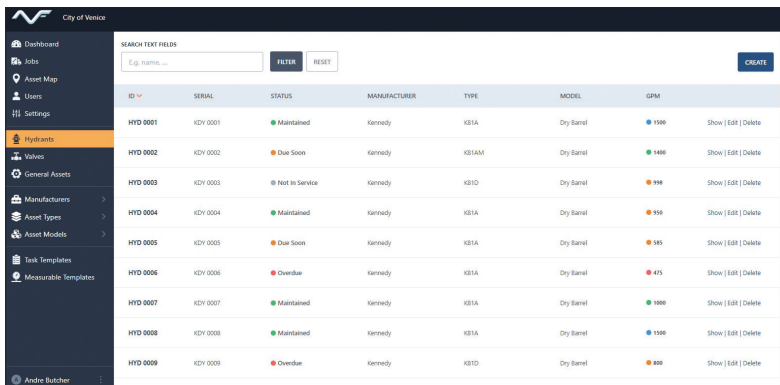


Enabling proactive maintenance will contribute to the longevity of the water distribution system, helping to eliminate issues before they exist.

The Administrative Website Portal

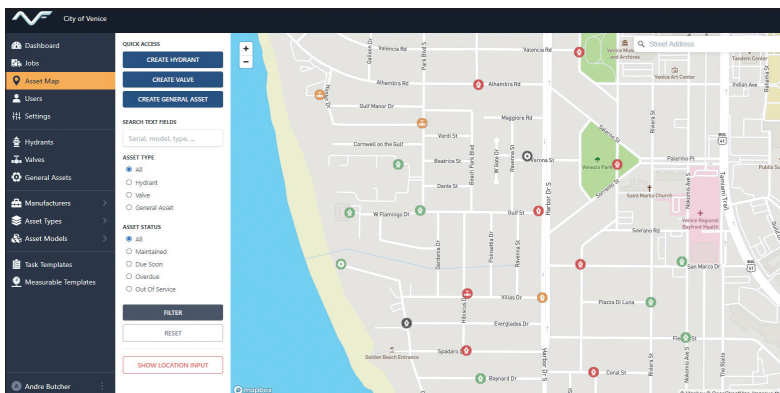
Through the administrative website portal, managers can assign tasks, dispatch crews, receive notifications from the field, produce reports, add new assets, customize data fields and more.

- When logged in, managers can access the Dashboard to see, in Map or List View, what assets in their networks require immediate attention. They can then assign tasks and dispatch crews based on that data.
- Managers can also see which assets will soon require service and maintenance and can assign post-dated tasks.
- Management has full view of all assets that have recently been serviced and require no action. They can also see all assets that are currently out of service, and why. Depending on the reason and current needs, action can be taken and tasks assigned.



ID	SERIAL	STATUS	MANUFACTURER	TYPE	MODEL	GPM	
HYD 0001	K2V 0001	Maintained	Kennedy	KB1A	Dry Barrel	1500	Show Edit Delete
HYD 0002	K2V 0002	Due Soon	Kennedy	KB1AM	Dry Barrel	1400	Show Edit Delete
HYD 0003	K2V 0003	Not in Service	Kennedy	KB1D	Dry Barrel	994	Show Edit Delete
HYD 0004	K2V 0004	Maintained	Kennedy	KB1A	Dry Barrel	950	Show Edit Delete
HYD 0005	K2V 0005	Due Soon	Kennedy	KB1A	Dry Barrel	985	Show Edit Delete
HYD 0006	K2V 0006	Overdue	Kennedy	KB1A	Dry Barrel	475	Show Edit Delete
HYD 0007	K2V 0007	Maintained	Kennedy	KB1A	Dry Barrel	1000	Show Edit Delete
HYD 0008	K2V 0008	Maintained	Kennedy	KB1A	Dry Barrel	1500	Show Edit Delete
HYD 0009	K2V 0009	Overdue	Kennedy	KB1D	Dry Barrel	800	Show Edit Delete





ASSET LIST VIEW: Easily find, evaluate and manage assets.



ASSET MAP VIEW: Instantly see asset status. Click on any icon to show the coordinates, condition, history and details of any hydrant, valve or miscellaneous asset.

Views & Customization

Map views offer highly detailed street views, much like in Google Maps or Google Directions, showing all asset icons within the current zoomed-in area. As the user zooms out, more asset icons appear. The default icon setting in Map View is based on a color-coding system:

-  Green icons = Asset not in need of service
-  Orange icons = Asset will soon need service
-  Red icons = Asset is past due for service
-  Black icons = Asset is currently not in service and/or out of service

Benefits At-A-Glance

- Contemporizes and mainstreams water utility asset records and databases
- Real-time functions translate to quicker response times from field employees
- Assists emergency response teams, improving response times and reducing damages and loss
- Easy access and management by an unlimited number of users
- List, filter and sort data to create customized reports
- Eliminates paper record keeping
- Improves ISO Ratings and certifications
- Improves the overall health and reliability of a water utility system
- Increases asset longevity
- Lowers insurance costs
- Affordable; pennies per asset
- Conforms to new regulations that are emerging; asset management software is trending



The Smart-Trak H2O Field App

The Application for Field Employees is a smartphone or tablet-based app that works in conjunction with the administrative website portal.

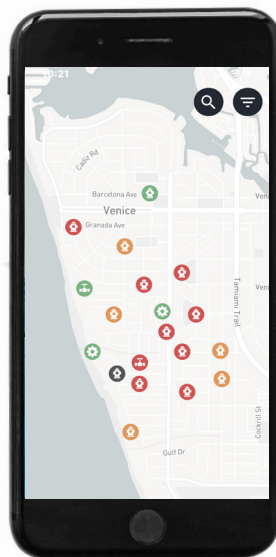
- Within the app, crew leads can access the list of jobs/tasks assigned to them by management. A brief explanation of each task is visible to the user while in the “jobs” tab.
- The user can then select a map or detail view for each individual task, so they can immediately see what needs be done.
- They can instantly receive directions to the job location, right from the app.
- Users can also see all assigned tasks in a Map View. This is a great feature that enables the crew(s) to plan their routes for the day.
- The user can fill out and send messages back to management in real time. As assigned jobs/tasks are completed, the system updates, turning a past due asset into an up-to-date asset.



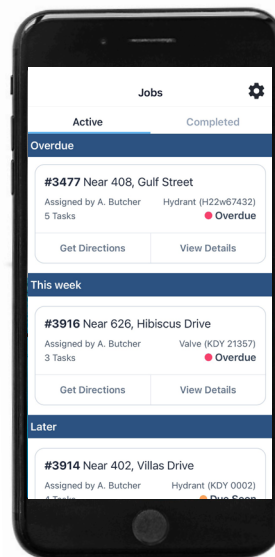
- From the admin’s perspective, once a past due item receives the required maintenance, that particular asset will update to “current” as soon as the field employee finalizes and submits the task as completed.



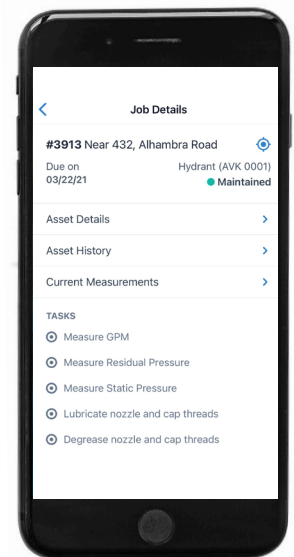
APP LOG-IN SCREEN: The app interface is easy to access and use.



MAP VIEW: See asset locations and real-time status at-a-glance with color-coded icons.



JOB LIST VIEW: Get a quick view of the job list organized in order of priority, and easily toggle between active and completed jobs.



JOB DETAIL VIEW: See detailed job information, including asset details, asset history, current measurements and tasks.

A CUSTOMIZABLE TURNKEY SOLUTION. The software is provided in a “turnkey” fashion, enabling a user to immediately start plugging in information when they acquire the product. While data fields for pertinent information are defaulted, some customization abilities are available should the user decide they want one data field and not the other, or if they want to add something that currently isn’t defaulted. This allows users to view and enter data in fields specific to their needs.



HYDRA-TAG

VIRTUALLY INDESTRUCTIBLE
HYDRANT IDENTIFICATION TAGS

A custom tagging system for fire hydrants

Assured Flow's economical Hydra-Tag identification system is a simple, quick and tamper proof way to identify fire hydrants. This durable identification system is made from rust and corrosion resistant solid brass. Custom numbers or letters now available on any sized order. Attaches securely to bolts on hydrant for a virtually tamper proof installation. Identification systems are important for emergency locations, maintenance and repairs, security, mapping and performance evaluations.

Hydra-Tags can also be used on:

- Gate Valves
- Backflow Preventers
- Check Valves
- Pumps and other equipment



NEW!
CHROME-PLATED
NICKEL

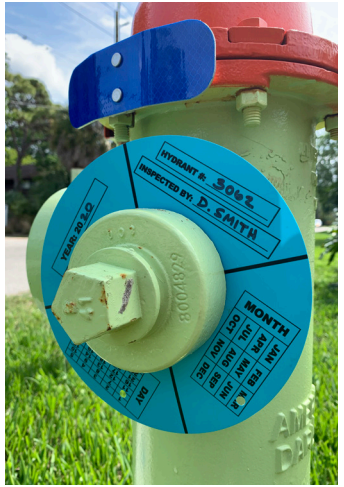
Highly customizable Hydra-Tag engraving now available. With our new engraving technology and capabilities, we can customize your entire Fire Hydrant Identification System in just a matter of days. Flat Hydra-Tags without a bend are available for custom order. ▶ Available in: Packs of 25, Cases of 300.

HYDRANT INSPECTION RING

A durable, cost-effective method that appropriately displays a fire hydrant's most recent inspection date and information

Made with a durable .16 gauge polyethylene plastic, the Hydrant Inspection Ring will display a Fire Hydrant's assigned identification number, most recent date of inspection, and the name of the technician that completed the inspection. The blank template on the backside of the ring also allows the technician to list what inspections and services have been completed.

Physically displaying this information on the hydrant will not only improve the integrity of a municipality's asset management data, but will also relay to inspectors, supervisors and other managerial personnel that the hydrants within the water distribution system have been inspected and are in good working order. The disposable Hydrant Inspection Ring allows you to keep the hydrant's services and inspections visibly current, on an annual or even biannual basis, in a cost-effective way. ▶ Available in: Packs of 25, Cases of 300.





HYDRA-KLEEN



Nonfood Compounds
Program Listed A1
Registration #151822

Fire Hydrant Degreaser - Eco-Friendly - NSF A1 Registered

Specifically formulated for use on fire hydrants, this new NSF-registered degreaser effectively cleans nozzle and cap threads during fire hydrant maintenance. This product works hand in hand with Hydra-Eze™ Anti-Seize lubricant, which can be applied after using Hydra-Kleen to thoroughly degrease and clean the nozzle and cap threads.

Hydra-Kleen is a uniquely formulated, NSF A1 registered aerosol spray. The degreaser's powerful foaming action dissolves and breaks down weathered/contaminated compounds previously applied to nozzle and cap threads, simplifying the maintenance process. More importantly, Hydra-Kleen will make a hydrant even more reliable during emergency situations.

While this product was designed specifically for use on fire hydrants, it can be used anywhere a degreaser is needed.



BENEFITS

1

Foaming action breaks apart weathered/contaminated material

2

Easier removal of old thread compound

3

“Like new” threads for new Anti-Seize application

4

Cleaner, more effective Anti-Seize application

HYDRA-EZE™



Nonfood Compounds
Program Listed (H-1)
139618

A Food Grade Anti-Seize for Fire Hydrants - NSF H1 Registered

Hydra-Eze™ is a premium, non-drying lubricant and anti-seize designed specifically for maintaining fire hydrant caps and nozzles. Hydra-Eze™ is NSF-approved as a food-grade product. Assured Flow Sales, Inc. has engineered Hydra-Eze™ to provide superior lubrication and anti-seize capabilities, allowing easy cap removal without thread damage.

While Hydra-Eze™ is formulated for fire hydrants, the product is also excellent for water plant maintenance, meter connections and other threaded connections where a food-grade solution is required. ▶ Available in: 9oz Tubes w/ nozzle applicator, 18oz Jars w/ brush applicator, 1gal Jugs.



BEFORE & AFTER



HYDRA-KLEEN

APPLICATION INSTRUCTIONS:

- Liberally spray nozzle and cap threads, then allow the product to dissolve into old thread compound.
- After a few moments, thoroughly scrub nozzle and cap threads with a wire brush to break up the old material.
- Apply another light mist of the degreaser on the threads, then wipe clean with a terry cloth or rag.
- Open the hydrant and allow the potable water to flush the interior portion of the nozzles. Also, fill a bucket with the potable water and use it to rinse the nozzle and cap threads. Wipe clean and dry the cap and nozzle threads with a soft cloth.
- Now that the threads have been thoroughly cleaned, apply Hydra-Eze™ Food Grade Anti-Seize for a brand new anti-seize application.

PRODUCT TIP

Hydra-Kleen is designed to work with Hydra-Eze™

STEP 1

Apply Hydra-Kleen, then clean threads.



STEP 2

Apply Hydra-Eze™ onto threads.



STEP 3

Use cap to distribute Hydra-Eze™.



STEP 4

FINISHED! Hydrant threads are fully cleaned and lubricated.



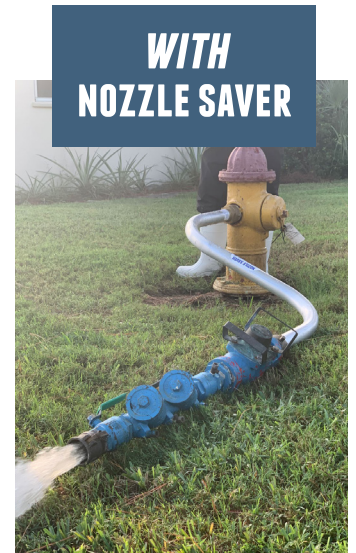
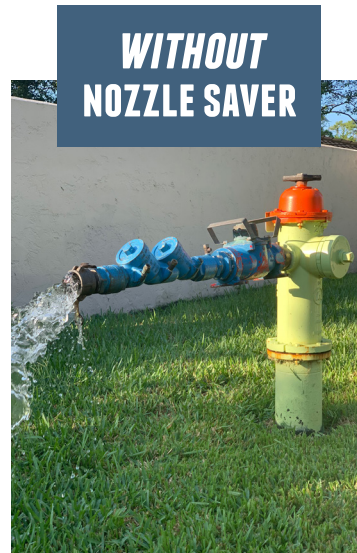


NOZZLE SAVER

Prevents costly damage to fire hydrant hose nozzles

Nozzle Savers prevent damage to fire hydrant hose nozzles due to the excessive weight of construction meters and backflow preventers.

- The Nozzle Saver is constructed of schedule 40 aluminum piping, making it lightweight, easy to handle and very durable.
- Each unit has brass end connections available in 2.5" national standard male or female swivel threads.
- The 30" offset design allows its use on hydrants of varying heights, making it very versatile.



VALVE BOX STABILIZER

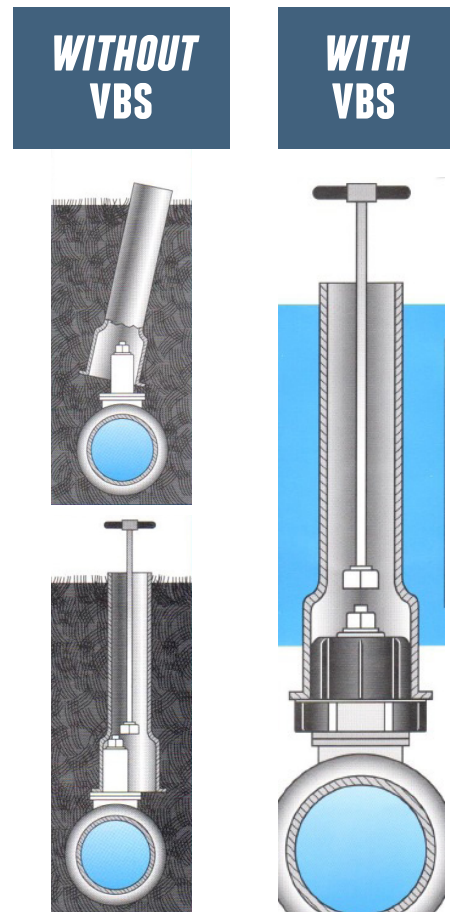
Prevents valve boxes from moving or tilting

The next time you install a valve, insert the VALVE BOX STABILIZER and prevent the valve box from moving or tilting. You won't have to come back to realign, tilt or move the valve box. The box won't shift during backfilling or when the soil settles. It will be the last time you have to align that valve box!

- Convenient size handles the most common six-inch gate valves.
- Durable, black polycarbonate material is rigid and lasts for years. Molded-in stabilizing fins, integral to the patented design, prevent valve box movement in the ground. The VALVE BOX STABILIZER makes your construction or repairs last for years.

Can't reach the water valve with your key because the valve box has moved or tilted due to soil settling? Constructed a water main and valve box shifted during back-filling? Install a saddle type valve box stabilizer (VBS) over each valve to position the valve nut in the center of the valve box. The VBS is fabricated of High Impact Polystyrene.

▶ Available in Cases of 16.



NOT-IN-SERVICE PRODUCTS

Durable, economical, easy-to-use markers to identify not-in-service hydrants

Purveyors of water service have been held liable for property damage when hydrants failed to operate in emergency situations. Protect yourself with N.I.S. products that stand out.

Are your current markers adequate? When seconds are crucial, N.I.S. products come through!

NIS POLY BAGS



Assured Flow's brilliant safety-orange poly bags are designed to give firefighters a quick, visible reference that a fire hydrant is temporarily out of service.

Assured Flow Sales, Inc. has developed an economical method to identify hydrants not functioning properly. N.I.S. (Not in Service) Poly Bags can be installed within a matter of seconds and will stay firmly attached to a hydrant not functioning properly.

SPECIFICATIONS - NEW CONSTRUCTION

All fire hydrants that have yet to be approved for use must be covered and identified as being "Not in Service". Identification bags shall be N.I.S. Bags manufactured of 4 mil. Polypropylene material, bright orange in color and bold print clearly showing "NOT IN SERVICE". Tie straps shall be provided to firmly secure bags to hydrant.

▶ Available in: Pouches of 8, Cases of 96.

NIS RINGS



The redesigned N.I.S. Rings are made of bright orange .050 thick UV-stabilized polyethylene.

The N.I.S. Ring resists fading and harsh weather conditions (-76° to 122°+).

▶ Available in: Packs of 5, Cases of 50.

NIS TAGS



Our patented N.I.S. Tag design not only is visible from the front of the hydrant but also from the sides, giving advanced warning to firefighters that the hydrant is not in service.

N.I.S. Tags are made of bright orange .050 thick UV stabilized polyethylene. The N.I.S. Tag resists fading and harsh weather conditions (-76° to 122°+).

▶ Available in: Packs of 5, Cases of 50.



NEW! HYDRA-FLECTOR™

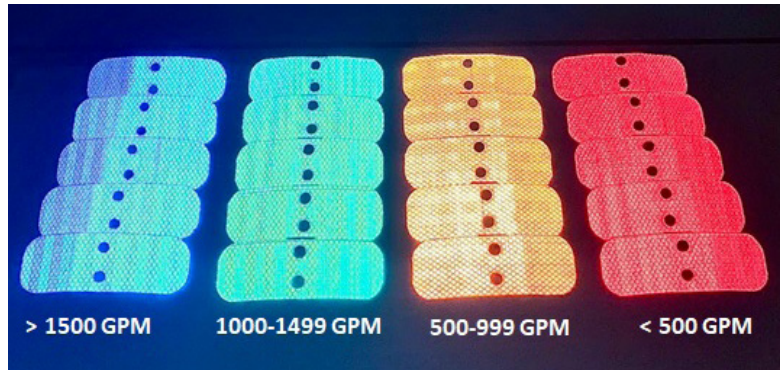
A durable, highly reflective marker designed to enhance night-time visibility and identify hydrant flow characteristics

Hydra-Flector™ is a tamper-resistant product assembled with the combination of durable 5052 grade aluminum sheeting and 304 stainless steel. With the use of High Intensity Prismatic Reflective Technology, the Hydra-Flector™ provides superior reflectivity, comparable to DOT traffic and/or safety signage.



SPECIFICATIONS

- 2" x 6" rounded corner face, .080" 5052 grade aluminum
- .125", 304 stainless steel bracket, elongated bolt hole for adjustments
- Bent face conforms to the outer circumference of most hydrant bonnets (avail. in flat)
- DOT Grade High Intensity Prismatic Reflective Technology
- Various colors available based on AWWA Hydrant Flow Rate Color Coding
- Blue: >1500 GPM / Green: 1000-1499 GPM / Orange: 500-999 GPM / Red: <500 GPM



▶ Available in: Packs of 20, Cases of 300



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