



OPERATING INSTRUCTIONS GATED WYES AND SIAMESE 1582, 1583, 2582, 2583

The following is intended to provide the basic instructions for operating Gated Wyes and Siamese. Read and understand these operating instructions before use.

PRODUCT RATINGS

250 PSI maximum operating pressure

PRODUCT WARNINGS:

- ⚠ **WARNING:** Charge all lines slowly to facilitate a controlled water pressure build-up during start-up. Open and close all gates slowly. Rapid opening will produce a sudden surge and may cause hose lines to move violently. Rapid opening and closing can cause water hammer.
- ⚠ **WARNING:** Do not use a Gated Wye or Siamese for other than its designed purpose of water flow control in standard firefighting operations.
- ⚠ **WARNING:** Ensure the threads on the pumper, hydrant and hose match the threads on the fittings. Mismatched threads may allow the threaded connections to suddenly come apart under pressure, possibly causing property damage and/or serious bodily injury.
- ⚠ **WARNING:** Periodically check the threaded connections for excessive wear. Excessively worn fittings may separate during operation.
- ⚠ **WARNING:** Ensure all gates are closed prior to water flow.
- ⚠ **WARNING:** Do not use this as a “step” to climb onto the truck
- ⚠ **WARNING:** Do not throttle when flowing 500 gpm or greater through either side of the siamese inlets or the gated wye outlets. Throttling at flows greater than 500 gpm can cause the valve to change position suddenly, causing water hammer.
- ⚠ **WARNING:** Do not connect the hose coupling to a gated wye or siamese mounted on a hydrant until the pumper laying out the hose has reached its destination and has been positioned. If the hose is connected while it is being “played out”, a coupling could catch on the rear of the pumper, creating a hard pull on the hose, which can damage the gated wye or siamese.

PRODUCT CAUTIONS:

- ⚠ **CAUTION:** If any tags or bands on the fittings are worn or damaged and cannot be easily read, they should be replaced.
- ⚠ **CAUTION:** For use with fresh water or standard fire fighting foams only. Not recommended for use with salt water. After use with foam or salt water, flush with fresh water.
- ⚠ **CAUTION:** For firefighting use only.
- ⚠ **CAUTION:** Do not over tighten the threaded connection. In the event of a leak, replace the swivel gaskets.
- ⚠ **CAUTION:** This product is configured for optimum performance. Do not alter in any manner.
- ⚠ **CAUTION:** Do not expose the fittings to harsh chemicals. If exposed, rinse off with fresh water as soon as possible. These chemicals can weaken the parts and make the product inoperable over time.

⚠ CAUTION: This Gated Wye and/or Siamese should be inspected prior to and after each use, to ensure that it is in good operating condition. Periodically, an unanticipated incident may occur where the fitting is used in a manner that is inconsistent with standard operating practices and those listed in IFSTA.

A partial list of potential misuses follows:

- Operating above maximum rated pressure.
- Not draining, and allowing water to freeze inside the product.
- Dropping the nozzle from a height where damage is incurred.
- Prolonged exposure to temperatures above +130° F, or below -25° F,
- Operating in a corrosive environment.
- Other misuse that might be unique to your specific fire fighting environment.

There are many “tell tale” signs that indicate Gated Wyes and Siamese repair are in order, such as:

- Controls that are either inoperable or difficult to operate.
- Excessive wear.
- Poor performance.
- Swivels that are difficult to turn.
- Damaged male threads.
- Water leaks.

If any of the above situations are encountered, the product should be taken out of service and repaired, and then tested by a qualified technician prior to placing it back in service.

OPERATING INSTRUCTIONS:

1. Connect the Gated Wye or Siamese to a hose, hydrant or pumper.
2. Connect mating fittings, hose or hoses.
3. Close all gates.
4. Charge slowly.
5. Open appropriate Gates - slowly.

MAINTENANCE

- Under normal conditions, periodically flush the product with clean water plus clean the grit and dirt from around exterior moving parts, to allow the fitting to operate as designed.
- Over time, the seat, balls O-Rings, clapper seals and gasket may need to be replaced. This can be accomplished by purchasing the appropriate Akron service kit or repair parts from Akron Brass. Also, use qualified maintenance mechanics or return the fitting to Akron Brass for repair. Call 1-800-228-1161 to order repair kits or to arrange for return to Akron Brass.



PHONE: 330.264.5678 or 800.228.1161 | FAX: 330.264.2944 or 800.531.7335 | www.akronbrass.com
Available in Canada through AKRON MANUFACTURING COMPANY
PHONE: 519.773.8431 | FAX: 519.773.3794

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