

## FiberSystems

521 Kiser Street  
Dayton, OH 45404-1641  
Tel: 937-222-9000  
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Product Bulletin

### *Kwik-Lock Locking Bell & Spigot FRP Pipe Joints*

03-16-2010

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Locking bell and spigot joints are perfect for FRP composite piping systems. These Kwik-Lock joints provide excellent performance and long service life. The FRP composite pipe eliminates normal maintenance and provides worry free operation. Joint assembly is quick and efficient in all pipe installation environments.

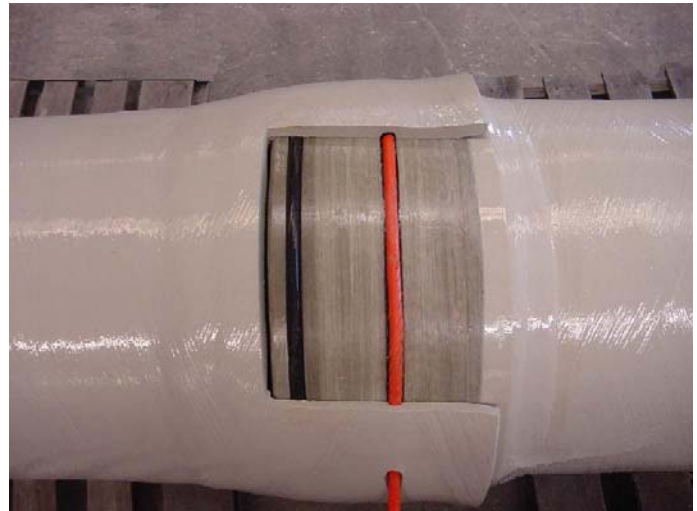
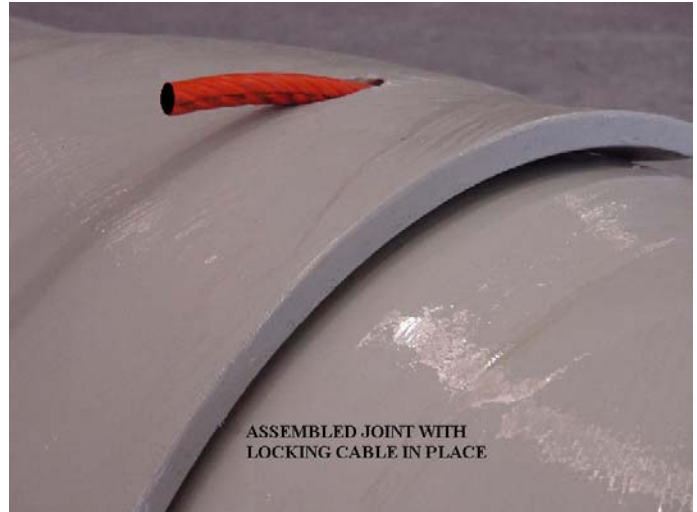
As a leading manufacturer and fabricator of fiberglass reinforced plastic products for over 30 years, we have designed this joint to be an economical alternative to flanges, mechanical couplings and butt & strap FRP welds in pressure piping systems.

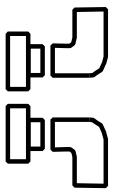
The Kwik-Lock joint is a quick and efficient way to join pipe ends while providing a restrained joint. It provides the same "peace of mind" normally provided by the labor intensive "butt & strap" joining system. The Kwik-Lock also eliminates the extra cost of expensive stainless steel hardware for flanges and external restraining lugs and rods commonly required for mechanical couplings.

The piping system's composite construction provides excellent corrosion resistance in many industrial and commercial environments, including water and wastewater treatment plants, pharmaceutical facilities, pulp & paper mills and chemical plants. Standard pipe construction utilizes an epoxy vinyl ester resin and a 50-mil internal corrosion barrier. The laminate construction can be custom tailored to suit your specific engineering application.

- Features include:
  - Excellent corrosion resistance
  - Quick & easy assembly
  - Economical
  - 250 psi maximum design pressure
  - 225° F maximum design temperature
  - Strong and lightweight
  - Thermally non-conductive
  - Electrically non-conductive

**Please call the factory for pricing, options, and availability.**





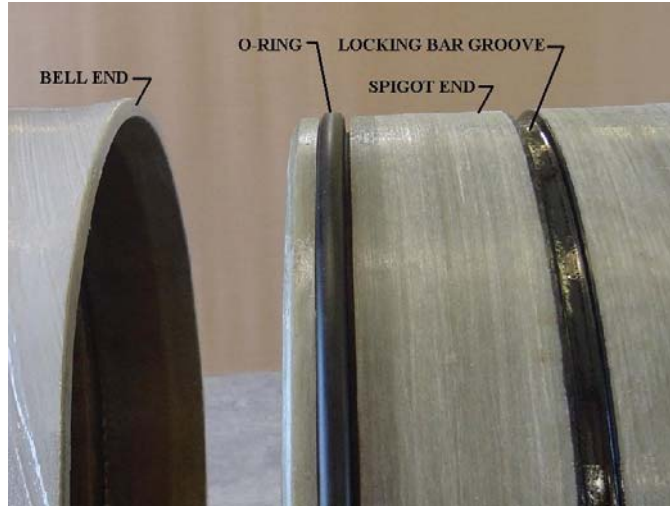
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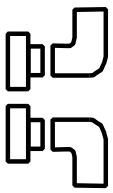
Product Bulletin  
***Kwik-Lock***  
***Locking Bell & Spigot***  
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24" diameter Kwik-Lock joint, after high pressure testing - This joint was cut away to examine the grooves and laminate for stress assessment



Testing of our 24" diameter single O-ring joint was done to 250 psi with no leaks.