



# Champion Fiberglass Electrical Conduit Provides Corrosive-Resistant Solutions for WWTP Facilities



Since 1988, Champion Fiberglass, Inc. has set the standard for Reinforced thermosetting Resin Conduit (RTRC). UL Listed and NEC reorganized, **Champion Duct™** and **Champion Haz Duct®** conduit are available in sizes ranging from 3/4" - 6". Additional sizes from 8" - 12" are also available in non-UL. Our conduit products are the perfect solution for water and wastewater applications where corrosive chemicals such as hydrogen sulfide, hydrochloric acid and sulfuric acids are present.

Champion Fiberglass led the industry by getting extra heavy wall fiberglass conduit included in the 2008 NEC Standard for Class 1, Division 2 installations, thereby offering a complete fiberglass conduit solution, including fittings and elbows for wastewater treatment plants. Champion Fiberglass offers the best solution for longer conduit system life with significantly less overall maintenance.

## OUR FIBERGLASS ADVANTAGES

- **Low Coefficient of Friction**  
Consistently one of the lowest coefficients of friction of any conduit system. Allows for long conduit runs without a pull box.
- **Excellent Corrosion Resistance**  
Broadest range of corrosion resistance of any conduit system.
- **Not Affected by Cable Faults**  
Will not melt fiberglass conduit or weld the cable to the conduit.
- **Excellent Insulator**  
Because fiberglass conduit is non-conductive, grounding bushings and exothermic grounding are not required for protection during a cable fault.
- **Rodent, Insect and Pest Resistant**  
Protects against the physical and chemical attacks of rodents, insects and other pests.
- **Approved for Class 1, Div 2**  
See article 501.10(B) Wiring Methods Class 1, Division 2 of 2008 National Electric Code.
- **UL Listed**  
Use our UL 2515 for Above Ground and UL 2420 for Below Ground.
- **UV Stable**  
Maintains mechanical/physical properties when exposed to the damaging effects of UV sunlight.
- **Light Weight**  
Example 4" conduit comparison:  
2.38 lbs per ft - XW fiberglass  
10.3 lbs per ft - galvanized rigid steel  
10.0 lbs per ft - PVC coated steel
- **Cost Effective**  
Comparable installed systems give fiberglass conduit the price advantage.