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Champion Fiberglass Electrical Conduit Provides Corrosive Resistant Solutions for WWTP Facilities



**CHAMPION
FIBERGLASS®**

ISO 9001:2008 Certified

***We manufacture Champion Duct®
the highest quality, reliable
fiberglass conduit in the USA.
Our conduit provides optimum
protection in very harsh and
toxic environments!***

Since 1988, **Champion Fiberglass, Inc.** has set the standard for Reinforced Thermosetting Resin Conduit (RTRC). **UL Listed** and **NEC** recognized, **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 I Division 2** installations, thereby offering a complete fiberglass conduit solution, including fittings and elbows for waste water treatment plants. Champion Fiberglass offers the best solution for longer conduit system life with significantly less overall maintenance.

Easy to install. Just cut, prepare and assemble . . .



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Our Fiberglass Conduit Advantages

- **Low Coefficient of Friction.** Consistently one of the lowest coefficient of friction numbers of any conduit system. Allows for long conduit runs without a pull box.
- **Excellent Corrosion Resistance.** Broadest range of corrosion resistance for all conduit systems.
- **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 & Pest Resistant.** Protects against the physical and chemical attacks of rodents, insects and other pests.
- **Approved for Class I Div 2.** See Article 501.10(B) Wiring Methods Class I, 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 foot – XW fiberglass
10.3 lbs per foot – galvanized rigid steel
10.0 lbs per foot – PVC coated steel
- **Cost Effective.** Comparable installed systems give fiberglass conduit the price advantage



Contact your Champion Fiberglass representative:

Factory Location:

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www.championfiberglass.com

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