



# Champion Haz Duct® Conduit - Designed for Hazardous Industrial Environments



Champion Fiberglass has led the industry in getting extra heavy wall fiberglass conduit included in the 2008 NFPA/NEDC code for Class 1, Division 2 installations. (See Article 501.10B)

**Champion Haz Duct®** conduit is available in sizes ranging from 3/4" - 6". We offer a complete XW type fiberglass conduit solution, which includes fittings and elbows, for hazardous industrial environments.

Since 1988, Champion Fiberglass, Inc. has set the standard for Reinforced Thermosetting Resin Conduit (RTRC). Champion Fiberglass offers the best solution for longer conduit system life with significantly less overall maintenance!

## OUR XW TYPE FIBERGLASS ADVANTAGES

- **Approved for Class 1, Div 2 Installations**  
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.
- **Excellent Conduit Integrity**  
XW fiberglass conduit maintains its astounding mechanical properties. It is not subject to conduit system failure behind the exterior of the conduit.
- **Light Weight**  
Example: 4" conduit comparison  
2.38 lbs per ft - XL fiberglass  
10.3 lbs per ft - galvanized rigid steel  
10.0 lbs per ft - PVC coated steel
- **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 Insulator**  
Because fiberglass conduit is non-conductive, grounding bushings and exothermic grounding are not required for protection during a cable fault.
- **Handles Low Temperatures**  
Fiberglass maintains its mechanical properties to -60°F.
- **Handles High Temperatures**  
Fiberglass maintains its mechanical properties up to 250°F.
- **No Burn Through**  
A low coefficient of friction and a single-circuit winding process keeps cables from burning through the fiberglass elbow and damaging the cable.
- **Not Affected by Cable Faults**  
Will not melt the fiberglass conduit or weld the cable to the fiberglass conduit.
- **UV Stable**  
Maintains its mechanical/physical properties when exposed to the damaging effects of UV sunlight.
- **Cost Effective**  
Comparable installed systems give XW fiberglass conduit the price advantage.

**COMMON XW PART NUMBERS**

| SIZE   | DESCRIPTION            | PART NUMBER |
|--------|------------------------|-------------|
| 3/4"   | Conduit 9.5' lengths   | 07CXW10S    |
| 1"     | Conduit 9.5' lengths   | 10CXW10S    |
| 1-1/4" | Conduit 10' lengths    | 12CXW10S    |
| 1-1/2" | Conduit 10' lengths    | 15CXW10S    |
| 2"     | Conduit 10' lengths    | 20DXW10S    |
| 3/4"   | LB conduit body        | 07CXWLB     |
| 1"     | LB conduit body        | 10CXWLB     |
| 1-1/4" | LB conduit body        | 12CXWLB     |
| 1-1/2" | LB conduit body        | 15CXWLB     |
| 2"     | LB conduit body        | 20DXWLB     |
| 3/4"   | T conduit body         | 07CXWT      |
| 1"     | T conduit body         | 10CXWT      |
| 1-1/4" | T conduit body         | 12CXWT      |
| 1-1/2" | T conduit body         | 15CXWT      |
| 2"     | T conduit body         | 20CXWT      |
| 3/4"   | Male adapter           | 07CXW33     |
| 1"     | Male adapter           | 10CXW33     |
| 1-1/4" | Male adapter           | 12CXW33     |
| 1-1/2" | Male adapter           | 15CXW33     |
| 2"     | Male adapter           | 20DXW33     |
| 3/4"   | Female adapter         | 07CXW32     |
| 1"     | Female adapter         | 10CXW32     |
| 1-1/4" | Female adapter         | 12CXW32     |
| 1-1/2" | Female adapter         | 15CXW32     |
| 2"     | Female adapter         | 20DXW32     |
| 3/4"   | Stop coupling          | 07CXW40     |
| 1"     | Stop coupling          | 10CXW40     |
| 1-1/4" | Stop coupling          | 12CXW40     |
| 1-1/2" | Stop coupling          | 15CXW40     |
| 2"     | Stop coupling          | 29DXW40     |
| 3/4"   | 90° x 12" radius elbow | 07CXW90P    |
| 1"     | 90° x 12" radius elbow | 10CXW90P    |
| 1-1/4" | 90° x 12" radius elbow | 12CXW90P    |
| 1-1/2" | 90° x 12" radius elbow | 15CXW90P    |
| 2"     | 90° x 12" radius elbow | 20DXW90P    |

**CONDUIT IS AVAILABLE IN:**

- Sizes 3/4" to 6"
- Other non-UL Listed sizes available
- Other radii for elbows
- Other angles as standard (11-1/4°, 22-1/2°, 30°, 45°)
- Many additional fittings