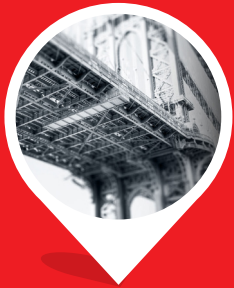




Who's Using Fiberglass - and Why?



Transportation



Industrial



Utilities



Wastewater
Treatment



Data Center

Five years ago, “Who’s using fiberglass conduit, anyway?” was a common question. Today, if you’re anywhere near a bridge, tunnel, wastewater treatment plant or data center, there’s a good chance you’re near fiberglass conduit, a.k.a. RTRC.

However, there’s still some mystery around why so many industries are choosing fiberglass over other conduit materials like PVC-coated steel and GRC. We’re here to clarify why engineers in so many industries are increasingly specifying fiberglass conduit manufacturers - and Champion Fiberglass conduit specifically - to help them solve their challenges.

Of course, most of the benefits we’ll cover apply across industries. Because Champion Fiberglass conduit is a lighter, more cost-effective material than PVC-coated steel and GRC, it offers immediate benefits, from lower manpower costs to easier, safer installations. Whatever your industry, it’s likely you’ll benefit from incorporating Champion Fiberglass conduit into your project spec.

See innovations on the back!



Each of the case studies featured here represents a time when Champion Fiberglass solved specifically to a client's challenges, working closely with them to ensure the outcome was not just satisfactory, but above and beyond expectations. That's one benefit of working with Champion Fiberglass, whether your application is above ground or below, in a highly corrosive environment or not, Champion's goal is the same: to deliver unmatched service paired with a product that provides solutions - no matter where or how you're using it.

WHO'S USING IT?	CHALLENGES	CHAMPION FIBERGLASS'S SOLVE	SEE IT IN ACTION	LEARN MORE AT:
TRANSPORTATION for Enhanced Electrical Safety	Constant need for up-to-code materials meeting stringent electrical and fire safety requirements.	Champion Fiberglass is the only producer of phenolic conduit that meets UL 2196 requirements, withstanding fire at 1800 degrees Fahrenheit for two hours.	Champion Fiberglass extinguished safety concerns when the Elizabeth River Tunnel replaced fire-susceptible galvanized rigid steel with Champion's Phenolic conduit.	championfiberglass.com/midtown-tunnel/
INDUSTRIAL for Lightweight Product with Fast, Easy Installation	Material cost and speed of installation are key for owner engineers and contractors alike for both underground- and above-ground conduit installations.	Champion Fiberglass conduit is 15X lighter weight than PVC-coated steel, and features labor costs that are 5x lower - without sacrificing safety or strength.	Champion Fiberglass provided Texas A&M University with on-time, on-budget electrical conduit solutions for Kyle Field.	championfiberglass.com/texas-am-university/
UTILITIES for Low Coefficient of Friction	Any project requiring miles of cable runs has to consider coefficient of friction and possibility of burn through when specifying materials.	Champion Fiberglass conduit features the lowest coefficient of friction on the market.	Champion Fiberglass conduit's low coefficient of friction led to savings for Duke Energy's Edwardsport IGCC plant.	championfiberglass.com/edwardsport-igcc-power-plant/
WASTEWATER TREATMENT for Superior Corrosion Resistance	Constant exposure to caustic environments can wear on materials, so it's important to specify a conduit that can stand up to ambient environments in the long run.	Fiberglass conduit is engineered to resist corrosion and other environmental and operational challenges - offering up to 3X the lifespan of PVC-coated rigid steel.	Champion Fiberglass replaced corroding PVC-coated rigid steel conduit to keep Fox Metro Wastewater Treatment Plant up and running.	championfiberglass.com/fox-metro-wastewater-treatment-plant/
DATA CENTERS for a Cost-Effective Elbow Alternative	The cabling infrastructure of any modern data center must counteract both high costs and the possibility of underground faults and burn through.	Because of Champion Fiberglass conduit elbows' low coefficient of friction, they're a perfect fit for any data center's cable array.	Champion Fiberglass elbows saved one data center client over \$470K.	championfiberglass.com/tech-company-data-center/