



Material costs might be lower, but installation costs will be higher.

It's just not strong enough.

If it's that much more affordable, it can't be as good.

Fiberglass doesn't really have an application in my industry.

It's plastic, so it must be toxic.

## We're taking down these fiberglass conduit myths, one at a time.

By now, you may have heard conflicting information about fiberglass. You want to be sure you're working with a product that's strong, efficient, AND cost effective before you make the move to fiberglass conduit.

We understand that.

That's why we've put together a list of common myths about fiberglass - how it works, what it's used for, and how it can save you money.

Some of them might surprise you.

But after all, that's what myths are there for - to be busted.

**Get the truth on the back!**



### MYTH 1

#### If It's That Much More Affordable, It Can't Be As Good.

Ah, the old quandary of "perceived value." Psychologically, it requires buyers to remove price from the equation for a moment, and instead consider the true value of each option. (Does expensive always mean "better" in your experience?) When comparing PVC-coated steel conduit to fiberglass conduit, in almost every case, fiberglass conduit comes out as the better option. The better option that just happens to have a much lower material cost in addition to all its other positive attributes. In installations, fiberglass continues to win the race—installing heavy PVC-coated conduit to design specifications requires much more manpower and equipment that's not typically on hand in the field for a contractor.

### MYTH 4

#### It's Just Not Strong Enough.

Ouch. That one hurts. Especially because it's not true at all. Fiberglass conduit is a rigid conduit and is now approved for Class I Division 2 per the National Electrical Code, NEC. This tough, rugged product can absorb a significant mechanical impact, compressing and flexing back to its original shape without affecting its serviceability. It offers superior vibration resistance, especially useful in the utility and energy fields. It also offers zero burn-through and a lower overall coefficient of friction when compared to PVC-coated steel.

**There you have it - five fiberglass myths, busted. If you'd like to learn more about fiberglass conduit, contact us at [info@championfiberglass.com](mailto:info@championfiberglass.com), or visit our site at [championfiberglass.com](http://championfiberglass.com).**

### MYTH 2

#### Material Costs Might Be Lower, But Installation Costs Will Be Higher.

There may have been a time when fiberglass conduit required more supports to get the job done. But those days are behind us. Champion Fiberglass recently received the first and only UL Listing in its field. For both the Haz Duct and Champion Duct lines, support distances have been tripled for small diameters and doubled for larger diameters. If you're worried about installation costs, let's do a little math below.

### MYTH 5

#### It's Plastic, So It Must Be Toxic.

Fiberglass conduit is a non-toxic material, unlike PVC-coated steel conduit and other conduits that use thermoplastic materials. When accidents, especially fires happen, the chlorine released by PVC-based materials aren't an issue with fiberglass. Fiberglass, if the worst comes to the worst, burns halogen-free. Fiberglass doesn't conduct electricity - it serves as an electrical insulator. Put plainly, an electrical fault within a fiberglass conduit won't turn the entire conduit into an electrical safety risk. In a field where over 500 contractors suffer preventable, fatal electrical shocks every year, fiberglass offers a peace of mind you just can't put a number on.

### MYTH 3

#### Fiberglass Doesn't Really Have An Application In My Industry.

Fiberglass conduit's many uses were once a mystery. Who was using it? Why were they using it? Above ground? Below ground? How was its long-term performance in different environments? Those questions could be answered by representatives from the waste water treatment industry, and those who work in chemically corrosive environments, or primarily in bridge, tunnel and other types of installations. They can tell you how fiberglass offers superior corrosion resistance at low costs. You'll find fiberglass conduit in builds ranging from the Niagara Falls Observatory to the mighty Hoover Dam. In each of these instances, it was fiberglass conduit's ability to stand up to a wide range of corrosive and ambient environments that led engineers to choose it.

**FIBERGLASS**

- **15X LIGHTER** weight than PVC-coated steel\*
- **LOWER** material cost
- **EASE** of use in the field
- Installed **20-30% FASTER** than PVC-coated rigid steel