

# 10 REASONS WHY YOU NEED CHAMPION STRUT™

Champion Strut™ is a versatile, high-strength fiberglass framing system that provides durable, corrosion resistant support for piping and conduit in industrial construction projects. This fiberglass channel system is comprised of non-metallic components designed to provide long-term performance in challenging environments.

Champion Strut has been used in a wide range of highly corrosive environments, including steel mills, wastewater treatment plants, rendering facilities, utilities, refineries, chemical plants, marinas, pulp and paper plants, desalination plants, water reclamation facilities, theme parks, aquariums, pools and underground vaults.



# HERE ARE TEN ADVANTAGES OF USING CHAMPION STRUT™ IN YOUR NEXT INDUSTRIAL CONSTRUCTION PROJECT:

## 1. Corrosion-resistant fiberglass components provide durability and contribute to long-term project success.

Corrosion doesn't have to be a given. As a corrosion-resistant material, fiberglass composites are resistant to most acids, bases, oxidizing agents, metal salts, reducing gases, and sulfur gases.

## 2. Fiberglass composites are manufactured for stability.

As a composite material, fiberglass strut is lightweight, strong, and engineered to handle loads and conditions found in caustic environments.

## 3. Multiple strut channel profiles are available to suit any application.

Champion Strut™ CS-S Series channel profile is designed to allow complete engagement and maximum pull-out strength of channel accessories. The Champion Strut CS-SST Series channel profile is designed strictly to be used with traditional steel rigid conduit pipe clamps.

## 4. Non-Molded Fabricated fittings (flat & angled connector plates) are available in both polyester (dark grey) and vinylester (beige) resin systems.

Champion Strut™'s non-metallic parts and components are ideal for harsh project environments where rust or corrosion could be a problem with a metal support system. The components are manufactured through a process known as pultrusion. The differences between polyester and vinyl ester channels are the resin type and colors. Polyester resin components are gray in color and offer good general corrosion resistance. Vinyl ester is a premium grade resin system that is beige in color and offers a higher degree of corrosion resistance.

## 5. Fiberglass channels are UV resistant and fire retardant.

The channels include UV inhibitors and a surfacing veils that improve weatherability and inhibit UV degradation. In addition, they are fire retardant for added protection.



# HERE ARE TEN ADVANTAGES OF USING CHAMPION STRUT™ IN YOUR NEXT INDUSTRIAL CONSTRUCTION PROJECT:

**6.** Light weight makes installation easier. Because the components are lightweight, they can be installed quickly and easily using standard tools while making a complete corrosion-resistant support and/or cable management system. Champion Strut being made from fiberglass is easier to drill and cut than struts made from various metals.

**7.** CS-SST Series Channel (only) will accommodate stainless steel pipe straps. SST Series channel profiles from Champion Fiberglass are designed exclusively for use with traditional steel rigid conduit pipe clamps.

**8.** Champion Strut™ can be customized. Special strut colors and custom lengths are available.

**9.** 100% digital, ISO-certified facility manufactures quality products. Our facility strives to meet all industry standards, as well as certifications demonstrating our corporate commitment to environmental, quality and system management requirements. Champion Fiberglass recently received the ISO 45001 certification for promoting a safe and healthy workplace making it one of a select few manufacturers that has three ISO accreditations: ISO 9001, ISO 14001 and ISO 45001.

**10.** A commitment to customer service and support helps projects reach a successful conclusion.

Since 1988, Champion Fiberglass has been helping engineers, contractors and project owners provide creative solutions to reach successful outcomes in industrial construction projects. In doing so, we have developed a library of BIM/Revit drawings that are readily available to help expedite your design process.

[LEARN MORE](#)[FIND A REP](#)[CONTACT US](#)