



Champion Fiberglass Product Innovation

EXPANDED SUPPORT SPACING DISTANCES, INCREASED SAVINGS, AND DRIVING INNOVATIONS THAT BUILD SAVINGS FOR YOUR CLIENTS.

Champion Fiberglass's history of working closely with governing bodies to advance fiberglass conduit within the market has led to code and standard updates translating directly to savings for your customers.

- In 2016, Champion Fiberglass's UL e-File number was updated to include extended support spacing distances for Champion Haz Duct® XW Type fiberglass conduit.
- In 2017, Champion Duct® Standard Wall (SW), Medium Wall (MW) and Heavy Wall (HW) conduit followed suit.
- In 2018, Champion Fiberglass worked with both the National Electrical Code (NEC) and Underwriters Laboratories (UL) to allow Champion Haz Duct® XW Type fiberglass conduit for use in Class I, Div 2 installations.

WHAT YOUR CLIENTS SHOULD KNOW

Rigid conduit systems (GRC and PVC-coated steel) - a comparison

Support spacing distances for Champion Fiberglass conduit are now comparable to those of GRC and PVC-coated steel, offering yet another benefit and opportunity for savings. The infographics below offer an at-a-glance overview of Champion Fiberglass conduit's previous and updated support spacing distances (by diameter and product), allowing you to easily compare to those of GRC and PVC-coated steel.

Champion Fiberglass Duct® previous and current support spacing distances compared to GRC and PVC-coated steel

2X - 3X
THE DISTANCE

DIAMETER	PREVIOUS FIBERGLASS CONDUIT SUPPORT SPACING DISTANCE	CHAMPION DUCT® SUPPORT SPACING DISTANCES			GRC AND PVC-COATED STEEL SUPPORT SPACING DISTANCE
		Standard Wall	Medium Wall	Heavy Wall	
3/4"	3 ft.	10 ft.	—	—	10 ft.
1"	3 ft.	10 ft.	—	—	12 ft.
1-1/4"	5 ft.	10 ft.	—	—	14 ft.
1-1/2"	5 ft.	10 ft.	—	—	14 ft.
2"	5 ft.	12 ft.	—	—	16 ft.
2-1/2"	6 ft.	12 ft.	—	—	16 ft.
3-1/2"	6 ft.	12 ft.	—	—	20 ft.
4"	7 ft.	12 ft.	—	14 ft.	20 ft.
5"	7 ft.	—	13 ft.	14 ft.	20 ft.
6"	8 ft.	—	13 ft.	14 ft.	20 ft.

Champion Fiberglass Haz Duct®
previous and current support
spacing distances compared
to GRC and PVC-coated steel

2X - 3X
THE DISTANCE

DIAMETER	PREVIOUS FIBERGLASS CONDUIT SUPPORT SPACING DISTANCE	CHAMPION HAZ DUCT® XW TYPE SUPPORT SPACING DISTANCE	GRC AND PVC-COATED STEEL SUPPORT SPACING DISTANCE
3/4"	3 ft.	10 ft.	10 ft.
1"	3 ft.	10 ft.	12 ft.
1-1/4"	5 ft.	15 ft.	14 ft.
1-1/2"	5 ft.	15 ft.	14 ft.
2"	5 ft.	15 ft.	16 ft.
2-1/2"	6 ft.	15 ft.	16 ft.
3-1/2"	6 ft.	17 ft.	20 ft.
4"	7 ft.	17 ft.	20 ft.
5"	7 ft.	17 ft.	20 ft.
6"	8 ft.	17 ft.	20 ft.

The Champion Fiberglass Conduit Calculator
See the savings. Show the savings.

The Champion Fiberglass Conduit Calculator makes it easier than ever to demonstrate savings to current and prospective clients, and to easily demonstrate the lower material and installation costs Champion Fiberglass represents.

Extended support spacing distances, lower installation rates, and a lighter weight contribute to increased savings for almost every diameter. This infographic offers an at-a-glance overview of how those savings are achieved – try the Conduit Calculator for yourself at championfiberglass.com/resources/conduit-calculator.

Comparison - cumulative material and installation costs for 100 feet of 4" Champion Fiberglass Haz Duct® XW Type Conduit and PVC-coated steel conduit*:

\$1,957.41
IN SAVINGS!*

	CHAMPION FIBERGLASS HAZ DUCT® XW TYPE CONDUIT	PVC-COATED STEEL	
HANGERS REQUIRED	5 (one every 17 feet)	5 (one every 20 feet)	Same number of hangers required
TIME TO INSTALL	8.25 hours	38 hours	+ 29.75 hours for PVC-coated steel
MATERIAL COST	\$1,504.00	\$1,974.41	+ \$470.41 in material cost for PVC-coated steel
INSTALLATION COST	\$412.50	\$1,900.00	+ \$1,487.50 in installation cost for PVC-coated steel
TOTAL INSTALLED COST	\$1,916.50	\$3,874.41	+ \$1,957.41 in material and installation costs for PVC-coated steel

*Comparison based on average installation hours per 100 ft. (REF: 2017 – 2018 NECA Manual of Labor Units) and conduit list prices.