

Pipe and Conduit Hanger Types

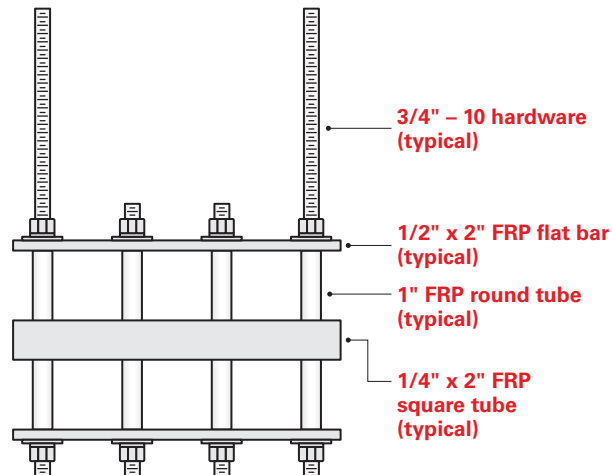
The Champion Fiberglass Pipe and Conduit Hanger system consists of two hanger types, Intermediate Hangers and Anchor Hangers.

Intermediate Hangers

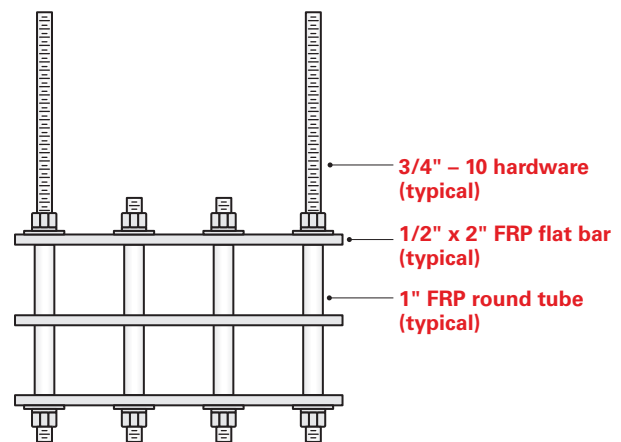
The Intermediate Hangers are the most widely used type of pipe and conduit support hanger. The Intermediate Hanger consists of a trapeze hanging system comprised of fiberglass flat bar, (and/or) fiberglass square tube and 3/4" steel threaded rods that are attached to the underside of the building structure. Fiberglass hangers are recommended for fiberglass piping and conduit to prevent abrasion of conduit during expansion/contraction.

Standard and Alternate Intermediate Pipe and Conduit Hanger Configurations

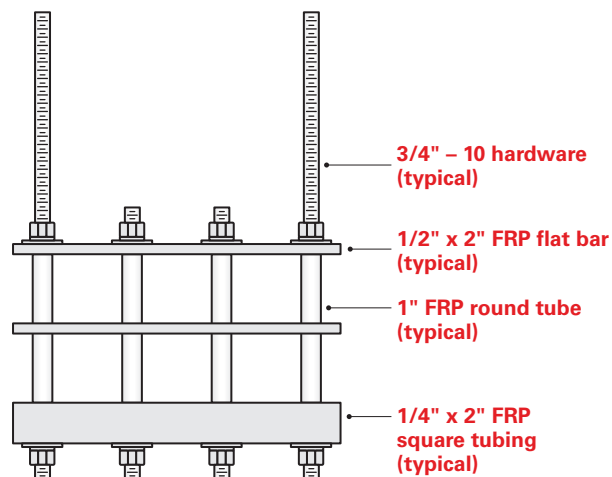
Intermediate Pipe and Conduit Hangers are offered in standard and alternate design configurations (see below). All design configurations utilize the same fiberglass components and steel hanger rods. Alternate design configurations must be specified by customer.



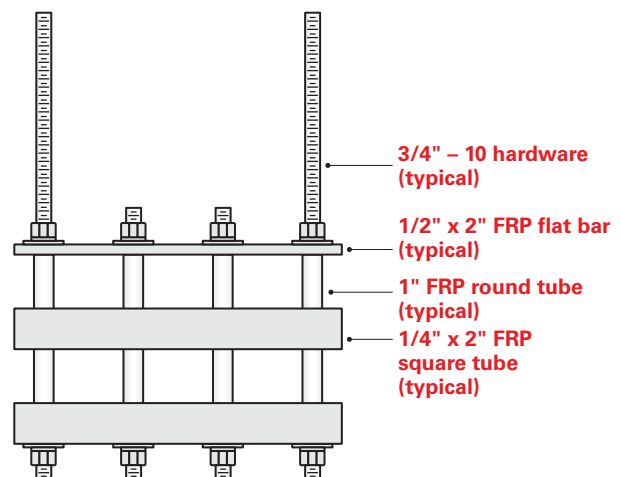
Intermediate Hanger /
Flat Bar-Square Tubing-Flat



Standard Intermediate Hanger

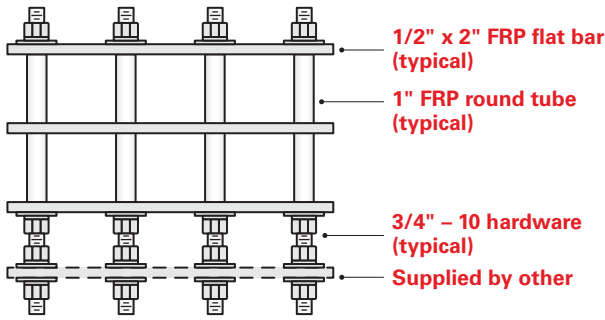


Intermediate Hanger /
Flat Bar-Square Tube Bottom



Intermediate Hanger /
Flat Bar-Square Tubing

Standard and Alternate Intermediate Pipe and Conduit Hanger Configurations
continued



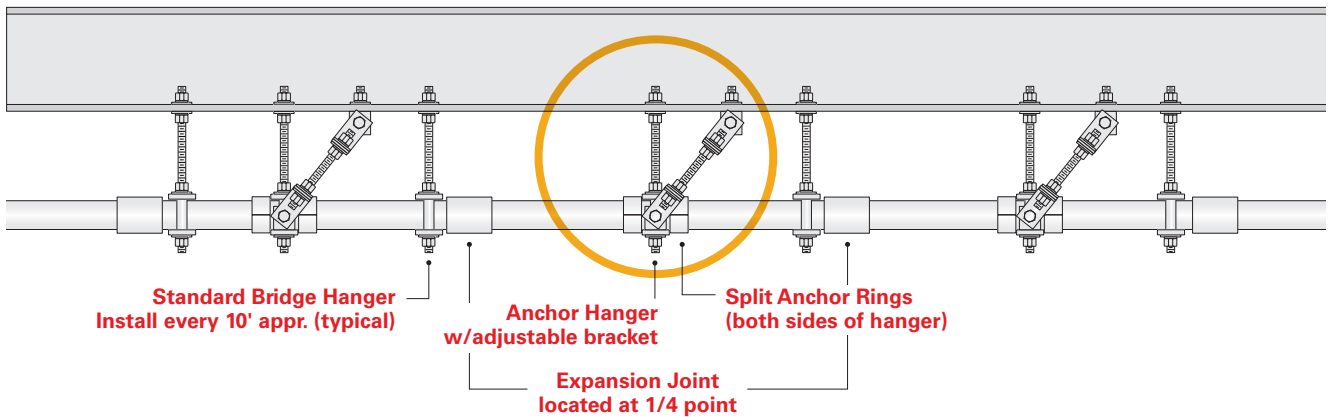
Base Mount Hanger

Note: For piping and conduit hangers 4" and larger, the 1/4" x 2" square tubing is recommended. Piping and conduit hangers constructed with square tubing allow for maximum pipe and conduit support.

Anchor Hangers

The Anchor Hanger are only recommended for fiberglass electrical conduit supports. These hangers are the same construction as the Intermediate Hanger except that each hanger contains adjustable extending all-thread cross-members that are used to brace the hanger to the building structure.

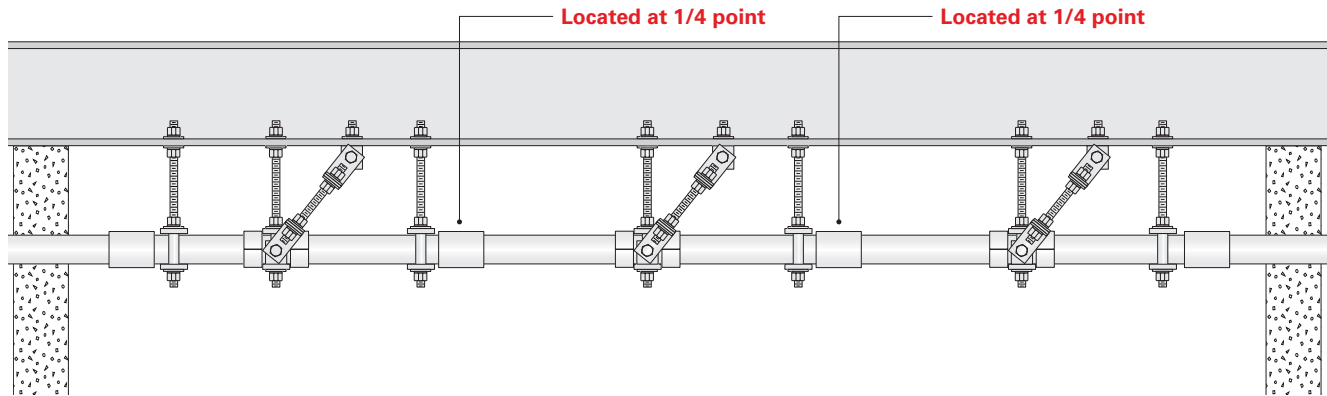
Anchor Hangers are recommended every 200 ft and used to lock the fiberglass electrical conduit into place. Locking the conduit into place allows the conduit system expansion joints to function as designed.



Location of Supports

The actual location of the hanger supports are determined by two factors:

- What the National Electric Code (NEC) stipulates regarding electrical conduit.
- If not guided by the NEC, the conduit/pipe deflection should be used as a guideline for determining the support distances. After determining the total weight contained within the conduit or pipe, the support span distance is determined based on the maximum allowable mid-span deflection. Champion Fiberglass recommends not exceeding 5/8" mid-span deflection.



Note: For hangers 4" and larger, the 1/4" x 2" square tubing is recommended. Hangers constructed with square tubing allow for maximum support spans.