



Syntiro Dynamics

PROCESS HEX HANGER TUBE & PIPE HANGERS

APPLICATIONS:

- Cleanrooms and mechanical areas; not limited to: biotech, pharmaceutical, food processing, beverage, dairy, cosmetic, chemical, water treatment, and semi-conductor industries
- Low flow & low pressure systems with moderate vibration: WFI, SIP, CIP, process, utility & instrument lines, WFI, SIP, CIP, process, utilities & instrument lines

SIZES:

- Support Range: 1/4" - 6" Tube and 1/2" - 6" Pipe

FEATURES:

- ZERO PUDDLE Silicones inserts raised geometry facilitates drainage of liquids on vertical/riser lines creating maintenance uptime.
- There are no exposed threads or openings in hardware plates

MATERIALS:

- 304 and 316 stainless steels
- ZERO PUDDLE inserts are FDA grade silicone rubber

SPECIFICATIONS:

- Intermittent temperatures from -40F to 320F
- Continues temperatures from -20F to 302F - Contact Syntiro with continuous application's environmental details

BENEFITS:

- Drainable and Cleanable
- Carriage bolts lock into Hardware Frame;s square hole allowing installer to use a single wrench
- The antiquated Entrapping Hex Hanger requires two wrenches, increasing safety concerns and installation time
- Carriage bolts are reversible, so rounded drainable surface is always on the hangers topside
- Hanger threads match MSS 69 rod OD requirements
- Silicone inserts are resistant to high and low temperatures



If you cannot see it, reach it, clean it, or sample it, this could be a concerning pathogen harbor point.

PHH SERIES TUBE & PIPE HANGERS

NO EXPOSED THREADS OR BLIND SPOTS



WELD MOUNT - PHHW STYLE

- Utilize the features of our Zero Puddle silicone rubber inserts..
- Silicone rubber grommets effectively remove gaps or recesses.
- Exposed threads are eliminated via carriage bolts and acorn nuts.
- The square shank of the carriage bolt, positioned beneath the bolt head, securely engages with the square hole in the hardware frame. This design enables the installation of the hanger components with one hand.

THREADED COUPLING MOUNT - PHHC STYLE

- Ensuring comprehensive ease of installation, in conjunction with the sanitizing features of the PHHW.
- The bottom plate includes a threaded connection.
- The options available for attachment to the PHHC include Syntiro's Shielded Rod or a solid stainless steel rod fitted with a threaded end. The shielded rod allows the user to cut it to the desired length and use a utility knife to remove the LDPE Sleeve, thereby exposing the threads.



ROD MOUNT - PHH6R STYLE - 6" ROD IS STANDARD ROD LENGTH

- Free of exposed threads which are containment collectors.
- Free of blind spots which can harbor pathogens.
- PHHW Series with a rod welded to the weld/bottom plate.
- 6" is the stock rod length, custom lengths are offered.
- All welds are passivated and polished to food grade.
- Carriage bolts, with rounded tops, can always be installed on the hangers top side.

ZERO CAULK PEDESTAL MOUNT

- Silicone rubber plugs and gaskets effectively seal the pedestal to the mounting surface, thus eliminating the necessity for caulk.
- The caulk is likely to deteriorate, necessitating its removal and subsequent reapplication.
- Suitable for, but not limited to, applications mounted on blind sides, such as insulated metal panels through Jack Nuts or rivet nuts.



SHIELDED ALL THREAD ROD

- LDPE sleeve covers the stock 6' section of all thread .
- Quickly cut to length in field.
- Utility knife removes LDPE exposing threads.