FAQs
Pipe Supports

Q **What does CTS mean and how does it affect the size of the pipe support selected?**

A CTS is an acronym for Copper Tube Size. Oatey supports are sized based on CTS. For example; 1/2" CTS piping used in plumbing applications actually has a 5/8" outside diameter (OD), but is referred to as 1/2" pipe. 3/4" CTS piping used in same application has a 7/8" OD, but is referred to as 3/4" pipe. Pipe classified as IPS or Iron Pipe Size will have larger ODs than CTS and HVAC pipe ODs are smaller than CTS.

Q **Is a plastic hanger strap approved for supporting pipes?**

A No. A plastic hanger strap should only be used for temporary or non-load bearing applications. It can also be used as a mid-level strapping where required by code.

Q **What pipe support product should be used for water lines passing through metal stud framing?**

A Metal Stud Insulating Pipe Clamps, available for 1/2", 3/4" and 1" pipe sizes, and Combo Clamps, available in 1/2", 3/4", 1-1/4", and 1-1/2" sizes.

Q **Are any of the plastic pipe support clamps approved for use with hydronic systems?**

A Yes. All Oatey plastic pipe supports are approved for this application, but you should confirm the maximum temperature that the pipes will reach when in use. With the exception of the DuoFit Pipe Clamps rated from 0°F to 230°F and the Stand-Off Half Clamps rated from -60°F to 160°F, all other Oatey plastic straps are rated from 0°F to 180°F.

Q **How far apart should I put the pipe supports?**

A There are several variables involved with the answer to this question; size of pipe, pipe material and changes in direction. It is always best to check with your local building officials for new installation applications, but you can also reach out to our customer service department for assistance when completing a repair project.

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Q **Is there a pipe strap that can be mounted at different angles and used for 1/2" and 3/4" water lines?**

A DuoFit Pipes Clamps

Q **What pipe support product should be used for water lines passing through wood?**

A Insulating Pipe Clamps and Combo Clamps.

Q **Are there any pipe support products that will support pipes hanging below the joist?**

A The Copper and Steel Pipe Hooks, Copper Plated Milford Hangers and CTS J-Hooks are all capable supporting pipes that hang down below the Joist or finished surfaces.

Q **Are there any pipe support products that will insulate water lines passing through HVAC supply or return ducts?**

A No. The installation of water lines in/or through HVAC supply or return ducts is not approved in the majority of municipalities. Before attempting this application, we recommend that you reach out to your local code enforcement officials for their approval.

Q **Can pipe support products help stop the banging sounds in water lines when the washing machine is operating and or the toilets flush?**

A Yes. Banging sounds are generated when a quick closing valve shuts off, this creates water hammer. Washing machines, ice makers, single lever faucets and toilet fill valves are all considered to be quick closing. Water hammer will expose any loose pipes throughout the home and create banging sounds. If you locate the loose pipe(s) and secure them with the appropriate strap or hanger, you will be able to reduce or stop the banging sounds.