



Metraloop Metal Expansion Joint Configurations

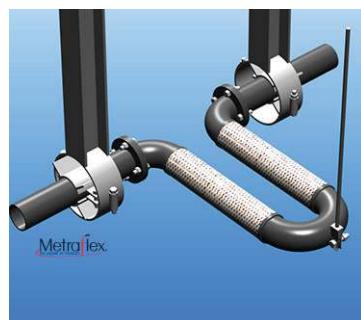
Hanging Down - Horizontal Run

Loop should hang straight down and be free to flex. Guides are required to direct movement axially.



Straight Up - Horizontal Run

Support must be provided to prevent the loop from leaning. Pipe hanger rod should be loose enough to allow the 180° return to move up or down 1/4" as the loop flexes. Guides are required to direct movement of pipe axially.



Horizontal - Horizontal Run

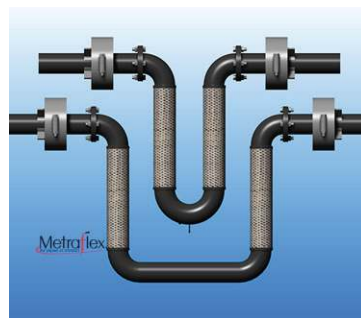
This installation is recommended for steam*. Support must be provided to prevent the loop from drooping or torquing pipe. Support must allow the 180° return, to move horizontally back and forth 1/4", as the loop flexes. Guides are required to direct movement of pipe axially.



*Any other orientation may cause condensate to collect.

Vertical Run

Loop must be supported to allow the 180° return to move horizontally back and forth 1/4" as the loop flexes. Guides are required to direct movement of pipe axially.





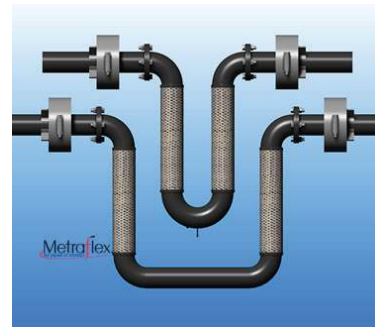
Nested

For tight pipe runs, any size or number of loops can be designed to nest inside of one another. To order, specify sequence of pipe diameters and corresponding distances between pipe centerlines.



Inside Corner

One Metraloop simultaneously absorbs the thermal expansion of two pipe runs. Space-saving inside corner Metraloop eliminates the need for an anchor at the corner. Guides are required to direct movement of pipe axially. Support must be provided to prevent Metraloop from drooping or torquing pipe and must allow for sufficient movement.



Over-Under

The Metraloop expansion loop can be manufactured in a variety of configurations. For technical assistance, contact your nearest Metraflex representative, or contact Metraflex directly.



Over-Over

The Metraloop expansion loop can be manufactured in a variety of configurations. For technical assistance, contact your nearest Metraflex representative, or contact Metraflex directly.



With Flanged Ends

The Metraloop can be installed hanging down, straight up and horizontally when properly guided. Support must be provided for installations other than hanging straight down to prevent the loop from leaning, drooping or torquing.

