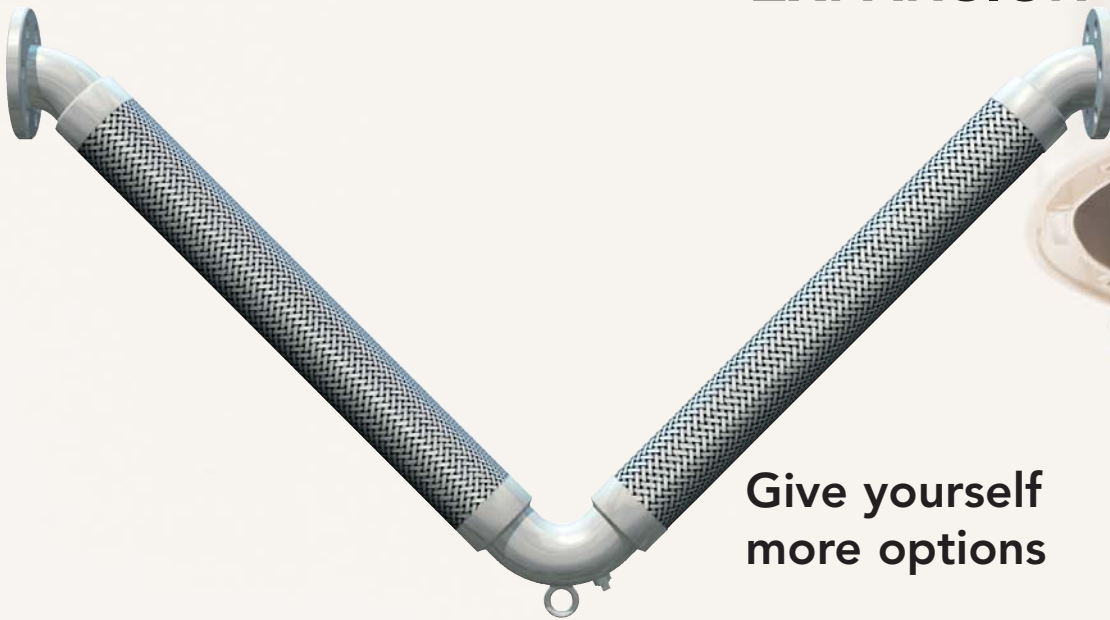


METRAFLEX® V-LOOP

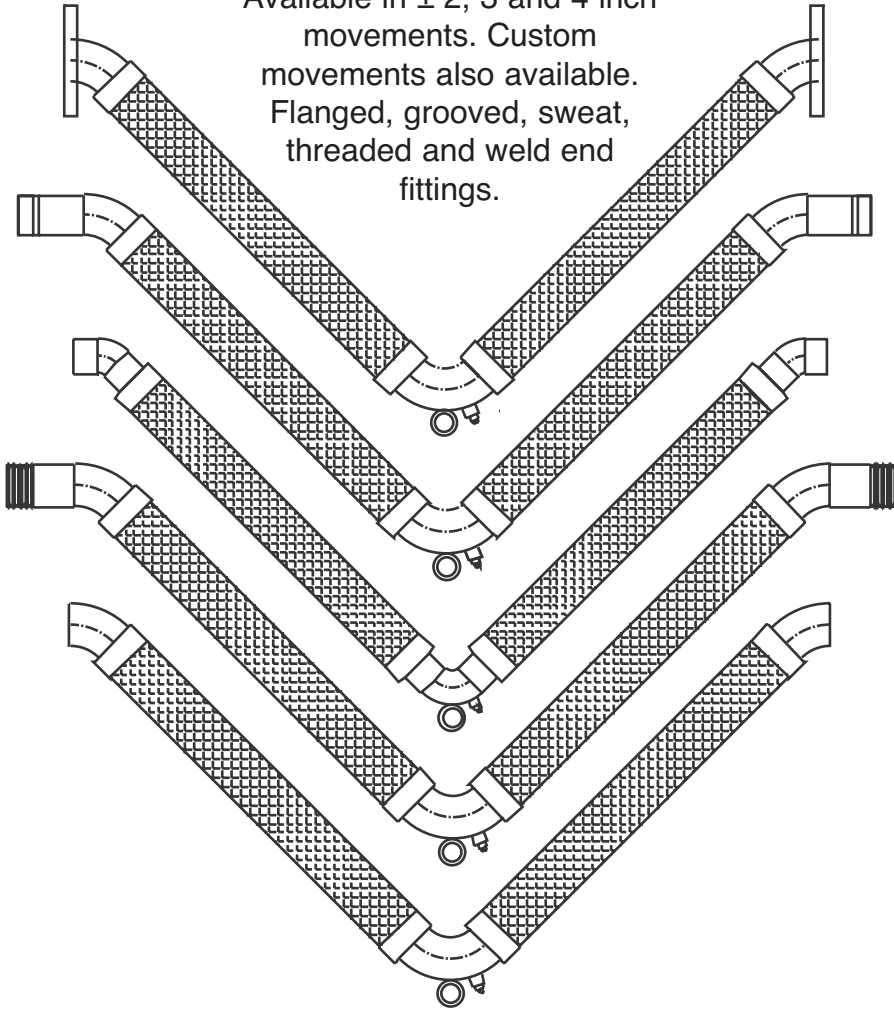
EXPANSION JOINT



Give yourself
more options

Metraflex[®]
for pipes in motion

Available in $\pm 2, 3$ and 4 inch movements. Custom movements also available. Flanged, grooved, sweat, threaded and weld end fittings.



Go configure!

The Metraflex V-loop has many of the advantages of the standard Metraloop expansion joint, but requires more guiding and has a larger footprint.

Able to fit long and low in tight spaces, the V-loop is more flexible than standard metal and rubber expansion joints.

The Metraflex V-loop expansion joint compensates for thermal expansion and seismic pipe movement without significant thrust loads.

The Metraflex V-loop flexes before the pipe begins to bow and before high loads are imposed at anchor points to the building. Its ability to flex in all directions allows it to help protect piping crossing the building's expansion joint and to compensate for settling.

For optimum protection without thrust loads and little or no guiding, and the most flexibility in design and installation, check out the standard Metraloop expansion joint.

Sample Specifications for Metraflex – V – Loop Flexible Expansion Loop (thermal applications):

Provide flexible expansion V-Loops of size and type noted on drawings. Flexible loops shall consist of two flexible sections of hose and braid, two 45° elbows, and a 90° return fitting assembled in such a way that the piping does not change direction, but maintains its course along a single axis. Flexible V-Loops shall have a factory supplied, center support nut located at the bottom of the 90° return, and a drain/air release plug. Flexible V-Loops shall impart no thrust loads to system support anchors or building structure. V-Loops shall be installed in a neutral, pre-compressed or pre-extended condition as required for the application. For steam service, V-Loops must be installed with flexible legs horizontal to prevent condensate buildup. Install and guide per manufacturer's recommendations. Materials of construction and end fitting type shall be consistent with pipe material and equipment/ pipe connection fittings. Flexible expansion loops to be "V - Loop" as manufactured by The Metraflex Company®, Chicago, IL.

Metraflex
for pipes in motion

2323 W. HUBBARD ST • CHICAGO, IL 60612 • 800-621-4347 • 312-738-3800 • FAX 312-738-0415 • www.metraflex.com

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