

## DURA-LOOP™ EXPANSION LOOPS

### “U” CONFIGURATION PIPE LOOPS

**Dura-Loop™ Expansion Loops** are an ideal piping accessory for new construction where pipe thermal growth or mechanical equipment induced motion need to be controlled.

**Dura-Loop™ Expansion Loops** are the preferred choice for seismic applications where catastrophic external movements may exceed normal design limitations of pipe motion absorbers such as expansion joints or compensators. The assemblies are designed to maintain water, steam, or gas flow in the event of multi-planar shift and excessive induced pipe motion.



## FEATURES & BENEFITS

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|---------------------------|--|
| <b>RELIABILITY:</b>       | Used for over 30 years as ‘traveling loop’ motion control devices.   |
| <b>SPACE SAVING:</b>      | <b>Dura-Loop™</b> has less of a circumference dimension than standard round or rectangular expansion joints. They fit in walls or in ceilings – installed either horizontally or vertically.   |
| <b>FLEXIBILITY:</b>       | Because of their ability to take up lateral motion, <b>Dura-Loop™</b> can be used to compensate for piping misalignment or offset.   |
| <b>SYSTEM PROTECTION:</b> | Due to their increased vibration absorption properties, <b>Dura-Loop™</b> is able to reduce stress and fatigue on mechanical equipment and piping in the system.   |
| <b>MAINTENANCE:</b>       | <b>Dura-Loop™</b> requires no maintenance after installation. If the assemblies are configured with drain ports and installed with loop saddle in the lowest point in the piping system, the drain port can be used to eliminate harmful condensate and impurities from the piping system. |
| <b>COST:</b>              | <b>Dura-Loop™</b> costs less than standard expansion joints due to less requirements and need for anchors and guides.  |

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