

# Series J-1W-G Wide Arch Grooved Ends



- ▶ Up to 3x more movement
- ▶ Less force required to move



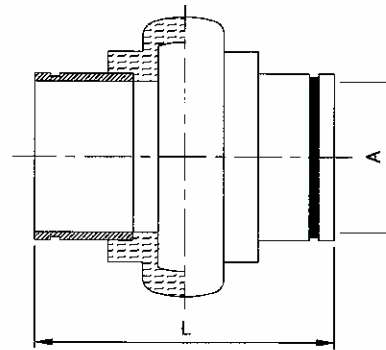
Red Valve Company now offers wide-arch expansion joints with grooved ends. This series, except end connections, is similar to J-1W Wide-Arch Joints which permits greater movement capabilities than the standard J-1 Expansion Joints.

J-1W-G Expansion Joints can be used to alleviate more extreme expansion and compression stresses without the need for double or triple arches. The wide-arch design also reduces the amount of force required to cause movement in the expansion joint while allowing the J-1W-G to be used under the same working pressures as the standard J-1. These features and benefits of the J-1W-G Wide-Arch Expansion Joint result in a cost savings for both new installations and for replacement operations.

## MATERIALS OF CONSTRUCTION

- ▶ **Elastomers**  
Pure Gum Rubber, Neoprene, Hypalon®, Chlorobutyl, Buna-N, EPDM, and Viton®
- ▶ **Vacuum Rating**  
15 in. Hg. — Full Vacuum Available

This, along with built-in grooved ends, offers users more savings and a great product. Control rods to prevent over expansion are available.



Size A	Length L	Axial Compression	Axial Elongation	Lateral Deflection	Standard W.P.
*1"	8"	1-3/4	3/4	3/4	165 psi
*1-1/2"	8"	1-3/4	3/4	3/4	165 psi
2"	8"	1-3/4	3/4	3/4	165 psi
3"	8"	1-3/4	3/4	3/4	165 psi
4"	10"	1-3/4	3/4	3/4	165 psi
6"	12"	1-3/4	3/4	3/4	140 psi
8"	13"	1-3/4	3/4	3/4	140 psi
10"	15"	1-3/4	3/4	3/4	140 psi
12"	16"	1-3/4	3/4	3/4	140 psi

\*Filled arch only