



INSTALLATION INSTRUCTIONS
CONTROL UNITS FOR RUBBER EXPANSION JOINTS

1. Assemble expansion joint between pipe flanges in it's manufactured face-to-face length.
2. Assemble control unit plates behind pipe flanges. Flange bolts through the control unit plates should be equally spaced around the flange. Depending upon the size and pressure rating of the system, 2, 3, 4, or more rods may be required. Refer to table on reverse side for control unit pressure rating per dia per # rods.
3. Insert rods through top plate holes. Steel washers are to be positioned at outer plate surface. An optional rubber washer is positioned at the outer plate surface.
4. For anchored applications, if a single nut per unit is furnished, position this nut so that there is a gap between the nut and the steel washer. This gap is equal to the joints maximum extension (commencing with the nominal face-to-face length). To lock this nut in position, either "stake" the thread in two places or tack weld the nut to the rod. If two nuts are supplied, the nuts will create a "jamming" effect to prevent loosening. For unanchored applications, position the nut so there is no gap. Note: Consult the manufacturer if there are any questions as to the rated compression and elongation. These two dimensions are critical in setting the nuts and sizing the compression pipe sleeve.
5. If there is a requirement for compression pipe sleeve stops, ordinary pipe may be used, sized in length to allow the joint to be compressed to its normal limit.
6. If there is a requirement for spherical washers, these washers are to be positioned at outer plate surface and backed up by moveable double nuts.
7. For reducer installations, it is necessary that all rods be parallel to the piping.

WARNING: Expansion joints may operate in pipelines or equipment carrying fluids and/or gases at elevated temperatures and pressures, and may transport hazardous materials. Precautions should be taken to protect personnel in the event of leakage or splash. Rubber joints should not be installed in inaccessible areas where inspection is impossible. Make sure proper drainage is available in the event of leakage when operating personnel are not available.