

Installation Instructions F/F/R Connector

Piping should be lined up accurately before installing the connector. Angular, lateral, axial misalignment, and / or torque, will cause shearing stresses. The system must be piped to **eliminate excessive misalignment** at the connector.

Don't rotate or torque the connector to match bolt holes in the mating flanges. Bolt holes should line up. The flange bolts should **not be used** to correct misalignment problems.

Be sure the face to face opening between the mating flanges is the proper dimension for the connector and that the flanges are parallel. Tighten up the flange bolts evenly using the criss-cross method. Do not torque the flange bolts beyond 25 ft / lbs. The integral flange gaskets are resilient silicone. **Do not over tighten the flange bolts**, this may crush the gasket.

Don't let the connector support any weight except its own. System piping **must be properly supported** and hung. Since the connector is flexible, any extra weight will stress it. Be sure to protect the connector from excessive shock and pressure surges.

When used to absorb vibration from equipment, the connector should be mounted close to the equipment and the piping must be **securely anchored next to the connector**, at the end opposite to the source of vibration.

When used to absorb thermal expansion and contraction movement in a piping system, adjacent piping must be guided and anchored. The movement must be **perpendicular to the connector centerline axis**. These connectors are not designed for axial motion. They should not compress or extend.

This quality connector is lined with a space-age silicone, FDA food grade elastomer. **Do not** install it for continuous steam service. If you clean it with caustic or other solutions, be sure to rinse the connector thoroughly with water after the cleaning.

This unique piping product is manufactured with pride by Thermo Tech Inc **in the U. S. A.**