

Swivel Joint Installation guide

Standard practices should be used when installing Swivel Joints in a system.

1. Before installing the swivel joint personal protective.
2. Check that the orientation is allowing for the required degree of movement for the relative motion.
3. Check that the end connections are the same size
4. Check pressure rates on the system are sustainable by the swivel joint.
5. Fully seal swivel joint connection before applying any pressure.
6. When swivel joint is installed do not strike, tighten or loosen.

Preventive Maintenance

The Swivel Joint is constructed with superior sealing and corrosion protection. Little preventive maintenance is therefore required, but should include the following: Working fluids, especially acids, should be thoroughly flushed from the swivel after each use to avoid pitting and corrosion.

If any leaks are detected the swivel should be remove immediately and reported to Pacific Hoseflex. This is to prevent potential personal injury and/or damage.

Periodic Inspection

Periodic inspection shall be undertaken to verify the condition of the swivel joint assembly. The frequency of inspection should be matched to the frequency of use and severity of the application. The periodic inspection should include: Visual inspection of end connections, looking for general corrosion, end connection thread wear and/or corrosion, and any damage or deformations. Determine if any leakage has occurred and if so, repair. Inspect free rotation of the swivel and ensure there are no missing parts.

Movements

The swivel joint can absorb relative motion only if the styles and orientation of the swivels allow sufficient degrees of freedom. The swivels must be oriented to provide the required movements in each plane of motion and axis of rotation. When connecting swivels between fixed end connections, regardless of subsequent relative motion, enough freedom must exist to properly make the connection without loading or binding the swivel.

Alignment

Pipe alignment is crucial to the operation of the swivel joint. If Swivel joint is not installed in correct alignment this will have major affects on the working conditions. Consult factory for additional information in relation to line layout. Pipe work that is offset can be compensated with a flexible connector for Pacific Hoseflex.

Loadings

Externally applied loads can result in an over-stress condition and catastrophic failure. If externally applied loads are to be applied, consult factory for limitation.

