

Installation Instructions: Teflon® Hoses and Connectors

This hose was carefully inspected at the factory before packing and shipment. The hose should be **inspected on receipt for any damage during shipment**. If you find the hose was damaged during shipment, notify and file a claim with the delivering carrier.

Teflon® hose requires special care when handling and installing. **Bending too sharply or rough handling can result in kinking the hose**. Be very careful not to bend the hose beyond the radius where it may kink. Don't twist, stretch, compress, or force the hose during installation.

Protect the hose from sharp or abrasive surfaces in storage and during installation. **Handle the hose with care in storage and in service**. After the hose has been put in service, inspect it periodically for damage or loosened couplings.

Piping should be lined up accurately before installing the hose. Angular, lateral, and axial misalignment, and / or torque, will cause shearing stresses, so the system must be piped to **eliminate excessive misalignment** at the hose. If there is system vibration, the **pipng must be anchored** next to the hose, at the end opposite the equipment or source of vibration.

Check to be sure that the face to face opening between the mating flanges on the piping is the proper dimension for the hose or connector, and that the flanges are parallel. **It is important that the hose or connector fit correctly** between the mating flanges. Tighten up the flange bolts evenly using the criss-cross method. Do not over-torque the flange bolts. Piping and flanges should be installed straight and true so that the bolt holes are properly lined up.

When installing the hose or connector next to wafer check, or butterfly valves, **be sure the swing of the valve disc will clear the inside diameter of the Teflon® lining and gasket**. If the clearance is questionable or close, you may need to install a flat face, plate flange as a spacer between the connector and the valve to protect the Teflon® liner and integral gasket from damage by the moving valve disc.

If you clean the hose or connector with caustic solutions, **rinse the hose thoroughly with clean water**. Low pressure steam may also be used for cleaning. On a straight run of hose, **allow enough extra slack when making connections** to accommodate any changes in hose length when the hose assembly is pressurized. Be sure to change pressure on the hose gradually to avoid surges.

Never install a hose or connector where its **temperature or pressure ratings could be exceeded**. Know the temperature and pressure ratings of the hose you're working with; and of the system where you're installing it.