

SANITARY HOSE INSTALLATION INSTRUCTIONS

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

Protect the hose from sharp or abrasive surfaces in storage and during installation. Handle the hose with care and avoid any abuse in storage or in service. Don't kink the hose. After the hose is put in service, inspect it periodically for bulges, soft spots, or loosened couplings.

Don't twist, stretch, compress, or force the hose during installation. Avoid excessive offset, and tight "U" or "S" shaped bends. Don't bend the hose sharply near the end fittings. Make a smooth shallow curve along the entire length of the hose. Don't pull the hose in a tight radius.

When installing a hose with threaded connections, don't impose torque when making up to piping. Use two wrenches with one of the wrenches backing-up, and don't put a wrench on the ferrule or the hose. Use the wrench on the end fitting or hex.

Caution! Field welding of hose end fittings requires special care. Be sure to protect the hose from any weld spatter. Don't let the heat from welding damage the hose cover, tube, or liner. A melted or heat softened hose or tube will affect the coupling integrity and may fail in service. A heat sink and/or dry-ice packs may be necessary to keep the hose cool during welding. Be very careful to keep the hose tube clean.

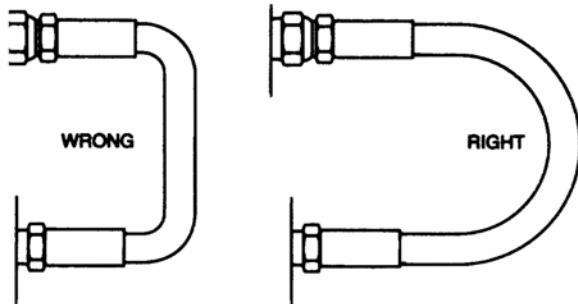
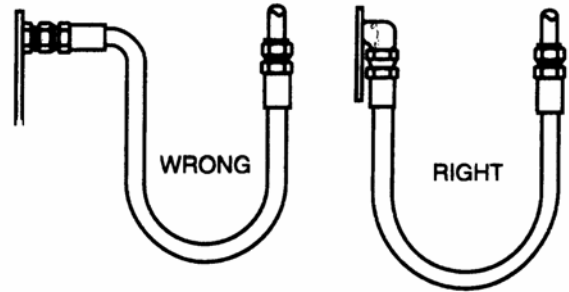
Rinse the hose thoroughly with clear water after cleaning the hose with approved mild caustic solutions or other suitable commercial cleaning methods. Be very sure the cleaning solution and methods you use and the liquid medium in the system are compatible with the hose tube elastomer and end fittings. Intermittent, open end steam may be used for cleaning.

Never install a hose where its temperature or pressure ratings could be exceeded. Know the temperature and pressure ratings of the hose and of the system where you're installing it. Be sure to change pressure on the hose gradually. Protect the hose from water hammer, hydraulic or pneumatic surges, and shock.

Do not install this hose for continuous steam service. Do not install this hose to carry hazardous, dangerous, or toxic substances.

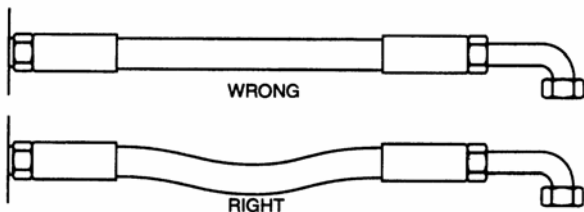
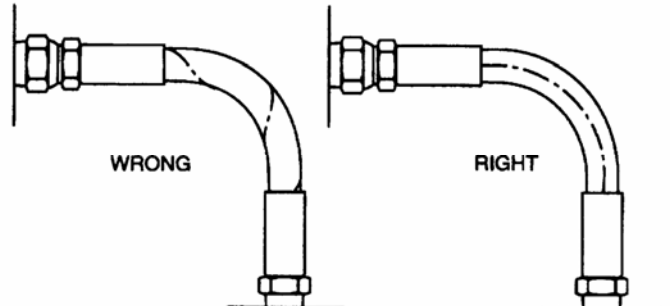
Installing your hose for long service life:

Use angle adaptors or elbows in the piping or at the hose ends to avoid sharp twists and tight bends in the installed hose. Maintain the required minimum bend radius of the hose.



Always install the hose with a large enough radius at the bend to avoid collapse or any flow restriction. Do not allow the hose to bend sharply at or near the end fittings.

Do not allow the hose to twist or torque during installation or later when in use for your application. Twisting or distortion will severely shorten the useful life of your hose.



On a straight run of transfer hose, allow enough slack when making connections to allow any changes (as much as 2% - 4%) in hose length when the system is pressurized.