

# Tamco<sup>®</sup> Fabricated Tank Care & Use Instructions

• When your tank is delivered, immediately inspect tank for defects or damage from shipping. Fabricated tanks do not handle shock and vibration as well as molded tanks and should be thoroughly checked for damage after shipping. Any discrepancies or problems that are found should be noted on the delivery receipt.

NOTE: All fabricated tanks are leak tested prior to shipping.

- When unloading your tank off the truck, care should be taken to avoid contact with sharp objects. When using a fork lift to move the tank precautions must be taken to prevent damage. Unloading area should be free of rocks, sharp objects, and other materials that can damage the tank.
- Tanks MUST BE FULLY SUPPORTED on the bottom.
- Fabricated tanks have built in reinforcements and do not require additional support as long as they are used within the operating temperature and with compatible chemicals.
- Tanks should be protected from impact, especially at temperatures below 40°F.
- Tanks should be used within the recommended operating temperatures.
- Tanks should be installed in an accessible area where proper maintenance can be done.
- All our tanks are for above ground installation only.
- Tanks should not be moved while holding liquid. Tanks should only be moved when completely empty.
- To ensure that there are no leaks in your tank we recommend that you hydro test tanks before use by filling it with water and letting it set for a minimum of 5 hours. This will prevent material loss in case there is a problem with a fitting, shipping damage, or a defect.
- Chemical Compatibility must be checked to ensure the tank, fittings, and fitting gaskets are compatible with the chemicals at the anticipated operating temperatures. Please contact your chemical supplier and/or our Technical Department with any questions regarding the chemical compatibility of your application with our products.
- Bulkhead or tank fittings should be hand tighten and then another 1/2 turn. DO NOT OVER TIGHTEN, as this may cause the gasket to distort and result in a leak.
- Fabricated tanks are NOT recommended for NITRIC OR CHROMIC ACID.
- WE DO NOT RECOMMEND fabricated tanks for oxidizing chemicals as they can cause degradation over time and eventually may fail, particularly at the welds.
- Mixers, heaters and heavy equipment should not be mounted on the sides of the tank.
- Tank fittings should not be supporting any weight. Pipes and valves attached to fittings must be fully supported.
- Due to expansion and contraction, rigid pipe lines attached to tank must have expansion joints to prevent damage.
- Tanks are designed for atmospheric pressure only. Tanks SHOULD NOT BE USED FOR VACUUM OR PRESSURE.
- If immersion heaters are used, they must be installed so that they are not touching the wall of the tank. Tanks should not be heated beyond their temperature limitations. Failure to adhere to the recommended temperature range may result in softening, distortion or failure of the tank.

Please contact us with any questions you may have regarding the installation and use of any of our tanks. We would be more than happy to assist in selecting the appropriate tank for your particular application. Chemical **Compatibility**: Always verify your chemical compatibility with tanks, fittings, and items that come in contact with your chemical solution. Feel free to consult our Technical Department for help selecting the appropriate materials for your applications. They can be reached at 800-821-0349.

