

# **GENERAL INFORMATION**

- **Installation:** Hydro test (water test) tank system for 24 hours before introduction of chemical. If necessary, remove all test water to prevent reaction with chemical stored.
- **Heat Maintenance Systems:** Two thermostats are furnished, one for control and one for high limit; heating requirements vary depending on maintenance temperature, ambient temperature, and wind conditions.
- **Polyurethane Insulation with Mastic Coating:** 2" nominal thickness, density range 2 - 2.8 lbs / cubic foot, R value  $\geq 6.3$  / inch, mastic coating is white acrylic vinyl.
- **Nominal / Working Capacity:** Calculated vertical tank capacity is to top of straight sidewall.
- **ASTM D 1998 Standard:** All vertical, IMFO<sup>®</sup>, and SAFE-Tank<sup>®</sup> systems greater than 500 gallons are manufactured in accordance with ASTM D 1998 standards.
- **Gallonge Markers:** Approximate indicators are not intended for precise measuring or metering. Fill vertical tanks and cones only to top of sidewall.
- **Support hoses, piping and valves** independent of tank sidewall and dome. Flexible connections must be used to protect your tank warranty! See page 12. Shield all fittings, valves, and piping from physical impact and to protect personnel from chemical spray or release.
- **Tank Foundation:**
  - Place tank on a clean, smooth, and properly designed concrete foundation or in PPC approved support assembly. Ensure NO trash of any kind is trapped between the tank and its foundation or support.
  - **IMFO<sup>®</sup> tank** - use a PPC polyethylene pad or a monolithic concrete pad with finished edges to elevate bottom of tank above primary floor surface. The pad must be at least 4" thick to provide full clearance for the IMFO<sup>®</sup> flange. At the IMFO<sup>®</sup> location, the straight wall of the tank must align with the straight wall of the foundation to prevent stress. DO NOT use a polyethylene pad when storing fluids with a specific gravity greater than 1.65.
  - General guideline to accommodate restraint clips and ladders:
    - Make foundation 2 feet larger in diameter than the diameter of the tank.
    - If using the IMFO<sup>®</sup> tank, provide a "notch" in the foundation to accommodate the IMFO<sup>®</sup> outlet.
    - If tank will have fixed ladder, include adequate landing for the ladder to prevent injury.

**WARNING:** Failure to provide proper foundation support constitutes a misuse of the tank and will void your warranty!