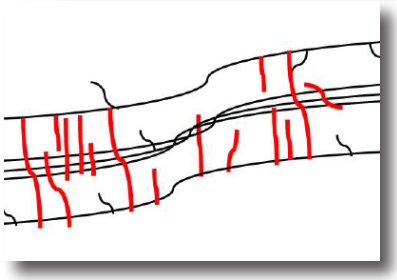
Poly Processing's Core Offering
SOLUTIONS, SIMPLIFIED

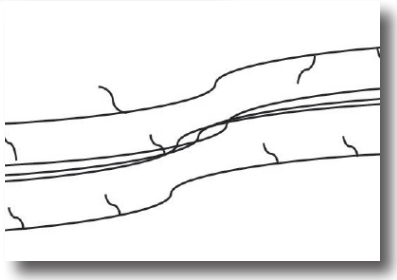
Crosslinked Polyethylene or **XLPE** is a thermoset resin that is engineered to provide a broad range of chemical resistance, while simultaneously demonstrating the physical properties required to meet the most demanding installations.

XLPE advantages:

- 20 times the environmental stress crack resistance of HDPE or Linear Polyethylene.
- 10 times the molecular weight of HDPE.
- 5 times the impact and tensile strength of HDPE.
- Engineered for 2-3 times the tank longevity of an HDPE tank.
- Seamless construction. No seams, no welding, no FRP delamination. (Homogenous tank)
- Chemical barrier makes up the structural element of the tank. Single wall engineering.



XLPE (Polymers Chemically Bonded)

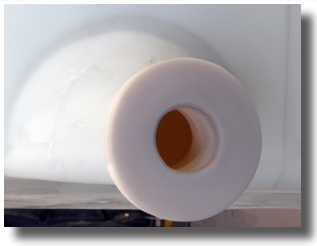


HDPE (Polymers Entangled / Not Chemically Bonded)

Poly's Integrally Molded Flanged Outlet, or **IMFO®** system, the flange is molded while the tank is processing, making it a stress-free part of the tank.

IMFO's advantages:

- Flange is molded at the bottom sidewall of the tank, full discharge is achieved.
- Only molded true full discharge product on the market.
- Minimizes residual chemicals in the tank.
- Easier and safer tank cleaning. No confined space required to clean out the IMFO tank.
- Limits compromise of structural integrity. No metallic inserts or post mold threads to weaken the tank wall.
- One-piece construction optimizes long-term performance of the tank system.
- **Available in a Sloped Bottom design with sizes from 3,950 - 15,000 gallons.**



Certified to NSF/ANSI/CAN 61

ASTM INTERNATIONAL Standards Worldwide

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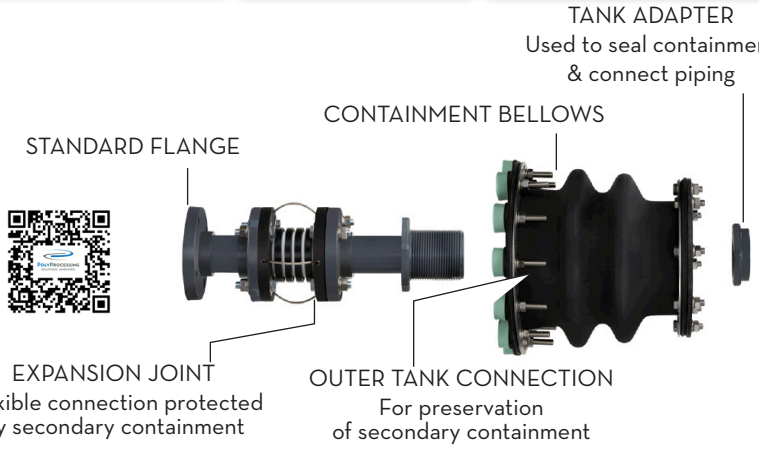
POLYPROCESSING
SOLUTIONS, SIMPLIFIED.

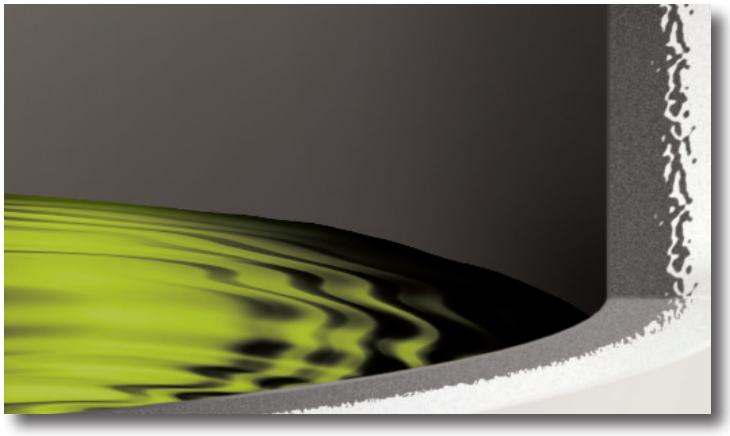
Poly Processing's **SAFE-Tank®** is a "tank-within-a-tank" also called a double walled tank. This system keeps contaminants from entering the interstitial area. These tanks provide secondary containment to avoid the damaging of equipment or property, loss of chemical, or injury to employees in the event of a spill.

SAFE-Tank® Advantages:

- Provides at least 110% secondary containment.
- Eliminates the expense, cost and maintenance of secondary concrete containment.
- Minimizes the system's footprint by providing secondary containment in a more compact way.
- Will equalize liquid and allow chemical to be used until it is convenient to inspect and repair if necessary.
- Adding an enhanced bellows transition fitting will maximize your SAFE-Tank® system's performance. (See the bellows transition fitting photo)
- Ability to be double wall piped all the way to a pump box or process pipe.
- Ideal solution as a backup tank enabling you to stock up on extra chemicals when needed.



Enhanced Bellows Transition Fitting



Poly Processing's exclusive **OR-1000™** system is specifically designed to address the aggressive oxidation effects of oxidizing chemicals like sodium hypochlorite, sulfuric acid and hydrochloric acid and extend the useful life of the tank. OR-1000's engineered system is formulated to resist oxidation. Its outer surface is made of XLPE for superior strength. The 2 surfaces are molecularly bound together during the rotomolding process, creating a truly seamless bond between the XLPE and the OR-1000 system and giving you greater tank life over standard HDPE.

OR-1000™ System Advantages:

- 4 times the antioxidant strength and greater useful life over any polyethylene on the market today.
- OR-1000™ can be used on any of our tanks, including SAFE-Tank® and IMFO® tank systems.
- Only polyethylene tanks certified by NSF to meet the 61 chemical certification for 30 plus defined chemicals and their storage.

B.O.S.S. ® Fitting (Bolted One-Piece Sure Seal)

- Designed specifically for OR-1000™ and demanding applications.
- Innovative backing ring design to reduce stress on the fitting.
- 3 Times stronger than standard plastic or PVC fittings.
- Easy to maintain since the pipe connection is extended beyond the sidewall of the tank.
- Available in 1", 2", and 3" sizes.