



CERTIFIED TO  
NSF/ANSI 61

# POLYPROCESSING C O M P A N Y

*Providing Solutions Through Innovation*

## HIGH PERFORMANCE



## PRODUCT CATALOG

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***37 Years of Providing Storage Solutions...***

**Durable • Chemically Resistant • Corrosion Resistant**

***Specialty Applications...***

**Sodium Hypochlorite • Sulfuric Acid • Caustic Soda • Hydrochloric Acid**

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[www.polyprocessing.com](http://www.polyprocessing.com)



**POLYPROCESSING**  
C O M P A N Y

*Providing Solutions Through Innovation*

Dear Customer,

Around 1970, our family helped pioneer the rotational molding of large plastic parts. At the time, our core business was retailing fluid fertilizers for row crops in Louisiana. High density crosslinked polyethylene (HDXLPE) tanks provided us an economic alternative to both fiberglass and stainless steel for corrosive applications in fertilizers. The durability and impact resistance of polyethylene afforded us additional value for mobile, field tank applications in agriculture.

Later, we expanded our rotational molding business to include industrial tank applications. Today, we provide polyethylene tank storage for the water treatment and chemical processing markets. These markets are significant to us. Our core product offering is large, crosslinked polyethylene storage tanks.

Here is our pivotal impact issue for the company:

To enhance customer dialogue and response time; to create a sense of urgency with all Poly Processing Company employees in their understanding of a customer's needs, demands, and profit expectations

We are serious about creating value for our customers. We are working to deliver this value by helping customers manage risk, solve problems, and increase profit.

We trust that our products and services will deliver business solutions to your marketplace.

We appreciate your business!

Dixon W. Abell  
President & CEO

**Inside Cover**

Our Message



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& Pre-Purchase  
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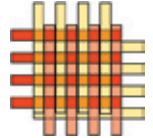
Chemical Resistance Guide

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Our Core Business:  
High Density  
Crosslink  
Polyethylene  
(HDXLPE)



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SAFE-TANK®  
Double-wall  
Containment  
Systems



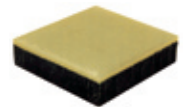
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IMFO® Full  
Drain  
Solution



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OR-1000™  
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Resistant System



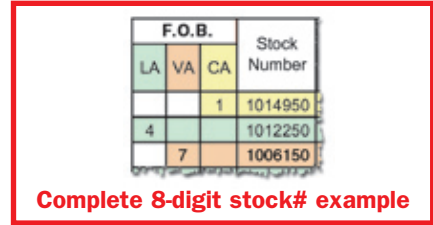
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**PRE-PURCHASE GUIDE:**

1. Determine Capacity & Location Restrictions: Gallons, Maximum Height and Diameter, and Indoors or Outdoors Installation
2. Conduct Chemical Review: Name, Concentration, Specific Gravity, and Temperature
3. See Chemical Resistance Guide (page 25) for tank & fittings materials, specific gravity rating, and full-drain and secondary containment requirements
4. See Table of Contents for tank styles; use complete 8-digit Stock Number when placing order. The first digit of Stock Number indicates manufacturing location:  
4 = Monroe, LA • 7 = Winchester, VA • 1 = French Camp, CA
5. Specify fitting location(s) on website drawing
6. Contact Poly Processing Distributor  
Distributor:



**OPERATING PARAMETERS:**

**Temperature**

- Tank specific gravity ratings based on product temperature of 100°F
- Tank designs for temperatures up to 150°F, contact Customer Service

**Pressure** – atmospheric pressure must be maintained in tank at all times; vacuum must = 0

**Venting**

Venting Requirements For Polyethylene Tanks									
Mechanical Pump Fill	Pneumatic Fill								
IF ≤ 1000 gallons	IF - Vent length ≤ 3 feet			IF - Vent length > 3' and ≤ 30'			IF - Scrubber Application		
Vent size should equal size of largest fill or discharge fitting	AND - Vent screen mesh size ≥ 1/4" or no screen used			AND - 3 or less 90° elbows with no other restrictions or reduction in pipe size			Vent pipe size throughout scrubber system <b>CANNOT</b> be reduced! Centerline of dispersion pipe not to be submerged > 6 inches		
IF > 1000 gallons	Emergency Pressure Relief Cover Required			Emergency Pressure Relief Cover Required			Perforated dispersion pipe must be same diameter or larger, as vent. Sum of perforations ≥ cross sectional area of pipe		
Vent size should exceed the largest fill or discharge fitting by 1 inch	Tanker Discharge	Inlet/Fitting Size	Minimum Vent Size	Tanker Discharge	Inlet/Fitting Size	Minimum Vent Size	Tanker Discharge	Inlet/Fitting Size	Minimum Vent Size
	2"	2"	4"	2"	2"	6"	2"	2"	6"
	3"	2"	6"	3"	2"	6"	3"	2"	8"
	3"	3"	6"	3"	3"	8"	3"	3"	10"

(2) 2 inch vents DO NOT EQUAL 4 inch venting capacity  
For detailed venting guidelines, please visit our Technical Resources at [www.polyprocessing.com](http://www.polyprocessing.com)

rev. Nov 2006

**Plumbing** – Flexible connections required to preserve warranty; allows for tank expansion / contraction and to reduce pump / piping vibration stress on the tank (See page 5)

**Installation**

- Review “Installation Manual” included in shipping documentation
- Hydrotest (water test) for 24 hours after installation

**Heat Maintenance Controls** – Two thermostats furnished, one for control and one for redundancy; heating requirements vary depending on maintenance temperature, ambient temperature, and wind conditions

**Polyurethane Insulation with Mastic Coating**

- 2” nominal thickness
  - Density = 2 lbs./cubic foot
  - R Value = 8.33/inch
  - Mastic coating is white acrylic vinyl
- (See page 24 for heat maintenance & insulation system)

**Tank Color**

- High Density Crosslinked Polyethylene (HDXLPE) - Natural, Black, Gold
  - Linear Polyethylene (HDPE) - Natural, Black
- (Note: Additional colors are available, contact Customer Service)

**Tank Dome Load Rating** – DO NOT stand or work on tank domes. The surface is flexible and slippery. There is no weight or load rating for the dome.

**GENERAL INFORMATION:**

- Nominal Capacity = Calculated tank capacity to top of straight sidewall
- All Vertical, IMFO®, and SAFE-TANK® systems greater than 500 gallons are manufactured in accordance with ASTM D 1998 Standard
- Gallonage markers are approximate; not for precise measuring or metering

# Providing Our Customers with an Ease of Business



**POLYPROCESSING**  
COMPANY

*Providing Solutions Through Innovation*

**Toll Free: 1-866-590-6845**

*Click Image to Learn More!*

**The ONLY  
Water Treatment  
Chemical Storage  
Certified to NSF/ANSI 61!**



**CERTIFIED TO  
NSF/ANSI 61**

<b>Chemical Storage</b>	
◆ <b>STORAGE TANKS</b>	◆ Verticals
◆ Fittings / Accessories	◆ Full Drain IMFO
◆ Chemical Specific Guidelines	◆ SAFE-Tanks
◆ Chemical Resistance	◆ Cone Bottoms
◆ CAD Drawings	◆ Open Tops
◆ Installation Manual	◆ Horizontals
◆ <b>REAL-TIME SPECIFICATIONS</b>	◆ Basins
<b>Technical Resources</b>	◆ Miscellaneous
<b>Sales and Marketing</b>	
◆ Product Catalog	
◆ Product Flyers/Video	
◆ Tradeshows	
◆ Distributor Website	
◆ What's New!	
<b>Contact Us</b>	

**36 Years of Providing Corrosive Chemical Storage Systems...**

**Specialty Applications Include...**

**Sodium Hypochlorite · Sulfuric Acid · Caustic Soda · Hydrochloric Acid**

## [www.polyprocessing.com](http://www.polyprocessing.com)

# SAFE-Surge™ Technology

## *Emergency Air Surge Protection for Polyethylene Chemical Tanks*

- **Designed for Pneumatic-Fill**
- **Adequate ACFM Consideration  
(Air Cubic Feet per Minute)**
- **Increased Tank Life**
- **Increased Margin of Safety**

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04

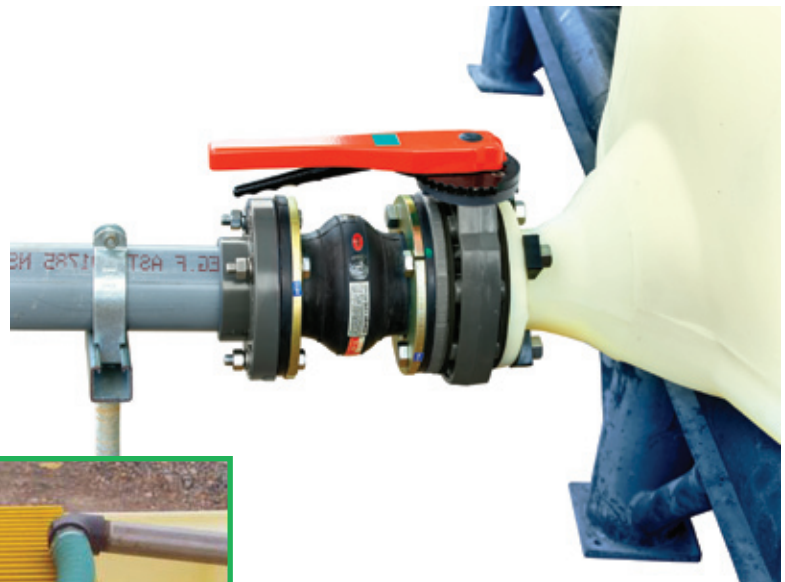


Available for 19" and 24" Manways

# Flexible Connections

## *Increase Tank Longevity With Flexible Connections!*

- Absorb Movement & Stress
- Accommodate Pipe Misalignment
- Surge Force Protection
- Isolate Pump Vibration
- Install Direct to Tank



*Flexible connections  
are required to  
preserve warranty.*

**Poly Processing Company Position Statement**

**Sodium Hypochlorite (NaOCl) Storage Tanks for 9 – 15 wt %**

**Tank:**

**IMFO® TANK of crosslinked polyethylene with OR-1000™, 1.9 spg rating**

- Provides full drainage to prevent sludge build up

Non IMFO® alternative:

- Vertical, flat-bottom tank, crosslinked polyethylene with OR-1000™, 1.9 spg rating

Black or white color or insulation with mastic coating **required** in outdoor applications to minimize bleach degradation.

**Secondary Containment: REQUIRED**

Alternatives:

- PPC secondary containment basin of crosslinked polyethylene
- Other secondary containment suitable for sodium hypochlorite and of adequate size

**Fittings:**

Sidewall:

- 3" maximum size on the lower 1/3 sidewall
- Fitting must keep sodium hypochlorite from contacting tank wall cross section

Dome: No restrictions

Fitting Material of Construction:

- PVC & CPVC (schedule 80), titanium
- DO NOT use stainless steel or Alloy C-276 because nickel content contributes to the decomposition of sodium hypochlorite

Gasket Material of Construction: Latharge Viton or EPDM

**Plumbing to the tank:**

Required use of **flexible connections** with fittings on lower 1/3 of sidewall

- Allows for lateral and vertical expansion and contraction of the tank
- Reduces pump and piping vibration stress on the tank, fittings, and gaskets

Flexible connections, piping, and valves must have structural support independent of tank sidewall and dome

**Venting:**

Venting Requirements For Polyethylene Tanks									
Mechanical Pump Fill	Pneumatic Fill								
IF ≤ 1000 gallons	IF - Vent length ≤ 3 feet			IF - Vent length > 3' and ≤ 30'			IF - Scrubber Application		
Vent size should equal size of largest fill or discharge fitting	AND - Vent screen mesh size ≥ 1/4" or no screen used			AND - 3 or less 90° elbows with no other restrictions or reduction in pipe size			Vent pipe size throughout scrubber system <b>CANNOT</b> be reduced! Centerline of dispersion pipe not to be submersed > 6 inches		
IF > 1000 gallons	Emergency Pressure Relief Cover Required			Emergency Pressure Relief Cover Required			Perforated dispersion pipe must be same diameter or larger, as vent. Sum of perforations ≥ cross sectional area of pipe		
Vent size should exceed the largest fill or discharge fitting by 1 inch	Tanker Discharge	Inlet/Fitting Size	Minimum Vent Size	Tanker Discharge	Inlet/Fitting Size	Minimum Vent Size	Tanker Discharge	Inlet/Fitting Size	Minimum Vent Size
	2"	2"	4"	2"	2"	6"	2"	2"	6"
	3"	2"	6"	3"	2"	6"	3"	2"	8"
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(2) 2 inch vents **DO NOT EQUAL** 4 inch venting capacity

For detailed venting guidelines, please visit our Technical Resources at [www.polyprocessing.com](http://www.polyprocessing.com)

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**Foundation and Restraints:**

PPC IMFO® tank pad or smooth concrete, asphalt, or steel foundation designed to accommodate IMFO®

No restraint or ladder attachment bands circumscribing the tank are allowed; cable restraint systems must pass cables over the top of the tank or utilize molded-in lifting lugs when appropriate.

**Temperature:**

Product should not exceed 100 degrees F at delivery or during storage to reduce decomposition of the sodium hypochlorite

**CAUTION!**

The life of a tank is affected by the quality of the sodium hypochlorite stored. Tank owners are cautioned to **use high quality sodium hypochlorite** with low iron, nickel, and copper content. These metals contribute to the decomposition of the sodium hypochlorite and accelerate the oxidation and degradation of the tank.

Poly Processing Company Position Statement

**Sulfuric Acid (H<sub>2</sub>SO<sub>4</sub>) Storage Tanks for Concentrations ≥ 80%**

**Tank:**

**SAFE-TANK<sup>®</sup>** of crosslinked polyethylene with OR-1000™

- Up to 8700 gallons
- 2.2 spg rating for primary tank
- 1.9 spg rating for secondary tank

Non SAFE-TANK<sup>®</sup> alternatives:

- 1000 to 6600 gallons: vertical, flat bottom tank, crosslinked polyethylene with OR-1000™, 2.2 spg rating
- Up to 1000 gallons: vertical, flat bottom tank, crosslinked polyethylene, 1.9 spg rating
- IMFO<sup>®</sup> is available for full drainage (limit one per tank)

**Secondary Containment: REQUIRED**

**SAFE-TANK<sup>®</sup>** secondary tank of crosslinked polyethylene with 1.9 spg rating

Non SAFE-TANK<sup>®</sup> alternatives

- PPC secondary containment basin of crosslinked polyethylene
- Other secondary containment suitable for sulfuric acid and of adequate size

**Fittings:**

Sidewall:

- 3" maximum size on the lower 1/3 sidewall
- Fitting must keep sulfuric acid from contacting tank wall cross section

Dome: No restrictions

Fitting Material of Construction:

- Concentrations ≥ 93%: PVC & CPVC (schedule 80), 316 ss or higher, Alloy C-276
- Concentrations 80% - 92%: PVC & CPVC (schedule 80), Alloy C-276, DO NOT use stainless steel

Gasket Material of Construction: Latharge Viton

**Plumbing to the tank:**

Required use of **flexible connections** with fittings on lower 1/3 of sidewall

- Allows for lateral and vertical expansion and contraction of the tank
- Reduces pump and piping vibration stress on the tank

Flexible connections, piping, and valves must have structural support independent of tank sidewall and dome

**Venting:**

Venting Requirements For Polyethylene Tanks									
Mechanical Pump Fill	Pneumatic Fill								
IF ≤ 1000 gallons	IF - Vent length ≤ 3 feet			IF - Vent length > 3' and ≤ 30'			IF - Scrubber Application		
Vent size should equal size of largest fill or discharge fitting	AND - Vent screen mesh size ≥ 1/4" or no screen used			AND - 3 or less 90° elbows with no other restrictions or reduction in pipe size			Vent pipe size throughout scrubber system <b>CANNOT</b> be reduced!		
IF > 1000 gallons	Emergency Pressure Relief Cover Required			Emergency Pressure Relief Cover Required			Perforated dispersion pipe must be same diameter or larger, as vent. Sum of perforations ≥ cross sectional area of pipe		
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(2) 2 inch vents DO NOT EQUAL 4 inch venting capacity

For detailed venting guidelines, please visit our Technical Resources at [www.polyprocessing.com](http://www.polyprocessing.com)

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**Foundation and Restraints:**

Smooth concrete, asphalt, or steel foundation

No restraint or ladder attachment bands circumscribing the tank are allowed; cable restraint systems must pass cables over the top of the tank or utilize molded-in lifting lugs when appropriate.

**Temperature:**

Product should not exceed 100 degrees F at delivery or during storage

## Poly Processing Company Position Statement

### Hydrochloric Acid (HCl) Storage Tanks for Concentrations ≤ 37%

#### Tank:

**SAFE-TANK<sup>®</sup>** of crosslinked polyethylene with OR-1000™

- 1.9 spg rating for primary tank
- 1.65 spg rating for secondary tank

Non SAFE-TANK<sup>®</sup> alternatives:

- Vertical, flat-bottom tank, crosslinked polyethylene with OR-1000™, 1.9 spg rating
- IMFO<sup>®</sup> available for full drainage

Crosslinked polyethylene tanks without OR-1000™ available with lesser warranty term

#### Secondary Containment: REQUIRED

**SAFE-TANK<sup>®</sup>** secondary tank of crosslinked polyethylene with 1.65 spg rating

Non SAFE-TANK<sup>®</sup> alternatives

- PPC secondary containment basin of crosslinked polyethylene
- Other secondary containment suitable for hydrochloric acid and of adequate size

#### Fittings:

Sidewall:

- 3" maximum size on the lower 1/3 of sidewall
- Fitting must keep hydrochloric acid from contacting tank wall cross section

Dome: No restrictions

Fitting Material of Construction: PVC & CPVC (schedule 80), PPL, Alloy C-276

Gasket Material of Construction: Latharge Viton or EPDM

#### Plumbing to the tank:

Required use of **flexible connections** with fittings on lower 1/3 of sidewall

- Allows for lateral and vertical expansion and contraction of the tank
- Reduces pump and piping vibration stress on the tank

Flexible connections, piping, and valves must have structural support independent of tank sidewall and dome

#### Venting:

Venting Requirements For Polyethylene Tanks									
Mechanical Pump Fill	Pneumatic Fill								
IF ≤ 1000 gallons	IF - Vent length ≤ 3 feet			IF - Vent length > 3' and ≤ 30'			IF - Scrubber Application		
Vent size should equal size of largest fill or discharge fitting	AND - Vent screen mesh size ≥ 1/4" or no screen used			AND - 3 or less 90° elbows with no other restrictions or reduction in pipe size			Vent pipe size throughout scrubber system <b>CANNOT</b> be reduced!		
IF > 1000 gallons	Emergency Pressure Relief Cover Required			Emergency Pressure Relief Cover Required			Perforated dispersion pipe must be same diameter or larger, as vent. Sum of perforations ≥ cross sectional area of pipe		
Vent size should exceed the largest fill or discharge fitting by 1 inch	Tanker Discharge	Inlet/Fitting Size	Minimum Vent Size	Tanker Discharge	Inlet/Fitting Size	Minimum Vent Size	Tanker Discharge	Inlet/Fitting Size	Minimum Vent Size
	2"	2"	4"	2"	2"	6"	2"	2"	6"
	3"	2"	6"	3"	2"	6"	3"	2"	8"
	3"	3"	6"	3"	3"	8"	3"	3"	10"

(2) 2 inch vents **DO NOT EQUAL** 4 inch venting capacity

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For detailed venting guidelines, please visit our Technical Resources at [www.polyprocessing.com](http://www.polyprocessing.com)

#### Foundation and Restraints:

Smooth concrete, asphalt, or steel foundation

No restraint or ladder attachment bands circumscribing the tank are allowed; cable restraint systems must pass cables over the top of the tank or utilize molded-in lifting lugs when appropriate

#### Temperature:

Product should not exceed 100 degrees F at delivery or during storage

SAFE-TANK® Double-Wall Systems									
	F.O.B			Stock Number	Nominal Capacity	Approx. O.D.	Approx. Overall Height	Lid Size	Ladder Height
	LA	VA	CA						
	4		1	2008700					
	4		1	2110150					
L	•			Assembly	8,700	11'-11"	14'-6"	24"	14'
	4		1	2006650					
	4		1	2107450					
•				Assembly	6,650	10'-2"	14'-3"	24"	14'
	4			2005400					
	4			2106300					
L	•			Assembly	5,400	11'-11"	9'-9"	24"	10'
		7	1	2004400					
		7	1	2104950					
L	•			Assembly	4,400	10'-3"	10'-3"	24"	10'
	4			2003150					
	4			2103550					
L	•			Assembly	3,150	10'-2"	7'-7"	24"	7'
	4			2002500					
	4			2103100					
L	•			Assembly	2,500	8'-0"	9'-11"	19"	10'
		7		2001550					
		7		2101950					
•				Assembly	1,550	8'-0"	6'-11"	19"	7'
		7	1	2001000					
		7	1	2101200					
•				Assembly	1,000	6'-5"	6'-7"	19"	6'
	4			2000540					
	4			2100655					
•				Assembly	540	6'-5"	4'-0"	19"	
		7	1	2000405					
		7	1	2100445					
				Assembly	405	4'-0"	5'-9"	7"	
	4	7	1	2000160					
	4	7	1	2100220					
				Assembly	160	3'-0"	4'-11"	5"	
	4	7	1	2000105					
	4	7	1	2100150					
				Assembly	105	3'-0"	3'-6"	5"	
	4	7		2000055					
	4	7		2100085					
				Assembly	55	3'-0"	2'-5"	5"	

L = Molded-in Ladder Attachment Lugs • = Molded-in Lifting Lugs  
 ■ = F.O.B. for 1.9 or > Specific Gravity

NOTE: Leak detection devices available

High Density Crosslinked Polyethylene

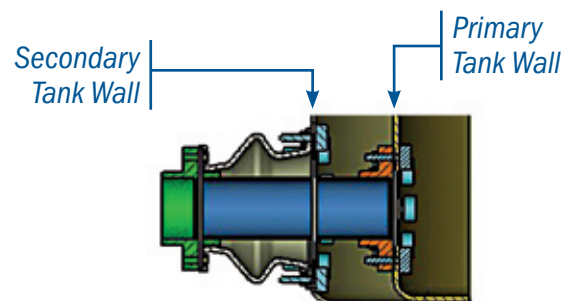


Double-Wall Containment  
 "Tank within a Tank"

See page 28 for more information

SAFE-Tank® BELLOWS STYLE SECONDARY TRANSITION FITTINGS WITH PVC NIPPLE: AVAILABLE IN 2", 3" AND 4".

The inner fitting is not included due to variety available; however, we are limited to SS-BHF with coupler, Bolted Flanged BHF. Limit 2 per tank within 90° of each.



Vertical Tanks with IMFO®

		F.O.B.			Stock Number	Nominal Capacity	Approx. O.D.	Approx. Overall Height	Lid Size	IMFO® Size	Ladder Height
		LA	VA	CA							
	•			1	1112150	12,150	12'-0"	16'-8"	24"	4"	16'
L	•	4			1112150	12,150	12'-0"	17'-1"	24"	D	17'
	•			1	1110300	10,300	12'-0"	14'-4"	24"	4"	14'
L	•	4			1110150	10,150	11'-11"	14'-5"	24"	4"	14'
L	•	4			1108500	8,500	10'-0"	16'-9"	24"	4"	17'
L	•	4			1108100	8,100	11'-11"	11'-10"	24"	4"	12'
	•			1	1108050	8,050	10'-0"	15'-6"	24"	4"	15'
L	•	4			1107300	7,300	10'-2"	14'-2"	24"	4"	14'
L	•			1	1106600	6,600	10'-0"	13'-7"	24"	4"	13'
L	•	4	7		1106150	6,150	10'-2"	12'-5"	24"	4"	12'
L	•	4			1106100	6,100	8'-6"	16'-4"	24"	D	16'
	•			1	1106100	6,100	10'-0"	12'-7"	24"	4"	12'
	•	4			1105050	5,050	7'-10"	16'-0"	24"	D	16'
L	•			1	1104550	4,550	10'-0"	9'-11"	24"	4"	9'
L	•	4			1104300	4,300	11'-11"	7'-1"	24"	4"	7'
L	•		7		1104150	4,150	8'-6"	12'-6"	24"	3"	12'
	•			1	1104050	4,050	8'-2"	12'-10"	24"	3"	12'
L	•	4			1103900	3,900	7'-10"	12'-6"	24"	D	12'
L	•	4	7		1103000	3,000	7'-1"	12'-0"	24"	3"	12'
	V		7		1102550	2,550	7'-1"	10'-4"	24"	3"	10'
L	V	4	7		1102000	2,000	7'-1"	8'-6"	24"	3"	8'
				1	1101600	1,600	6'-1"	9'-1"	17"	3"	9'
		4	7		1101400	1,400	5'-4"	9'-11"	10"/19"	3"	
				1	1101250	1,250	5'-0"	9'-10"	17"	3"	9'
			7		1101150	1,150	5'-4"	8'-3"	10"/19"	3"	8'
			7		1100905	905	5'-4"	6'-7"	10"/19"	2"	6'
			7		1100850	850	4'-0"	10'-3"	10"/19"	2"	
		4			1100545	545	4'-0"	6'-11"	10"/19"	2"	

Vertical with IMFO®



IMFO® Integrally Molded Flanged Outlet



Sloped Bottom Vertical Tanks with IMFO®

		F.O.B.			Stock Number	Nominal Capacity	Approx. O.D.	Approx. Overall Height	Lid Size	IMFO® Size	Ladder Height
		LA	VA	CA							
	•			1	1211800	11,800	12'-0"	16' 6"	24"	4"	15'
L	•	4			1206350	6,350	10'-2"	12'-7"	24"	4"	13'
L	•		7		1204100	4,100	8'-6"	12'-11"	24"	3"	13'

Pads for Tanks with IMFO®

	F.O.B.			Stock Number	Diameter	Height
	LA	VA	CA			
		7		8000004	4'-0"	4"
			1	8000005	5'-0"	6"
		7		8000054	5'-4"	4"
			1	8000006	6'-0"	6"
		7		8000071	7'-1"	4"
		7	1	8000008	8'-2"	4"
4	7			8000086	8'-6"	4"
			1	8000010	10'-0"	4"
4	7			8000102	10'-2"	4"
4	7	1		8000012	12'-0"	4"
			1	8000014	14'-0"	4"
			1	8100008	8'-2" Slope	11" x 5"
4	7			8100086	8'-6" Slope	12" x 6"
			1	8100010	10'-0" Slope	12" x 6"
4				8100010	10'-2" Slope	16" x 6"
4	7	1		8100012	12'-0" Slope	10" x 4"

- L = Molded-in Ladder Attachment Lugs
- = Molded-in Lifting Lugs
- V = Molded in Lifting Lugs – Virginia Only
- D = Double IMFO® available – consult drawing for size options

Tank Drawings available on website

See page 29 for more information



Vertical Tanks										
	F.O.B.			Stock Number	Nominal Capacity	Approx. O.D.	Approx. Overall Height	Lid Size	Ladder Height	
	LA	VA	CA							
	•			1	1014950	14,950	14'-0"	16'-10"	24"	14'
L	•	4			1012250	12,250	11'-11"	17'-1"	24"	17'
	•			1	1012150	12,150	12'-0"	16'-8"	24"	16'
L	•	4			1010300	10,300	11'-11"	14'-6"	24"	14'
	•			1	1010300	10,300	12'-0"	14'-4"	24"	14'
	•			1	1009100	9,100	12'-0"	12'-11"	24"	12'
L	•	4			1008500	8,500	10'-0"	16'-9"	24"	16'
L	•	4			1008200	8,200	11'-11"	11'-11"	24"	12'
	•			1	1008050	8,050	10'-0"	15'-8"	24"	15'
L	•	4		1	1007300	7,300	10'-2"	14'-2"	24"	14'
L	•	4	7		1006150	6,150	10'-2"	12'-4"	24"	12'
L	•	4			1006100	6,100	8'-6"	16'-4"	24"	16'
L	•			1	1006100	6,100	10'-0"	12'-8"	24"	12'
L	•	4	7		1005300	5,300	9'-2"	12'-10"	24"	13'
L	•			1	1005100	5,100	10'-0"	10'-10"	24"	10'
L	•	4			1005050	5,050	7'-10"	16'-0"	24"	16'
				1	1004925	4,925	9'-0"	11'-11"	24"	11'
	•			1	1004900	4,900	12'-0"	8'-1"	24"	6'
L	•	4			1004250	4,250	11'-11"	7'-0"	24"	7'
L	•		7		1004150	4,150	8'-6"	12'-6"	24"	12'
L	•	4	7		1003900	3,900	7'-10"	12'-9"	24"	12'
L	•		7		1003850	3,850	10'-2"	8'-6"	24"	8'
	•			1	1003650	3,650	10'-2"	8'-5"	24"	6'
L	•	4	7		1003000	3,000	7'-1"	11'-8"	24"	12'
L		4	7		1002650	2,650	8'-0"	8'-9"	24"	8'
L	V		7		1002550	2,550	7'-1"	10'-4"	24"	10'
				1	1002500	2,500	8'-0"	8'-2"	24"	8'
L		4	7		1002250	2,250	8'-0"	7'-9"	24"	7'
				1	1002000	2,000	7'-5"	7'-5"	19"	7'
L	V		7		1002000	2,000	7'-1"	8'-6"	24"	8'
			7		1001950	1,950	5'-4"	13'-5"	10"/19"	
				1	1001700	1,700	6'-1"	9'-7"	17"	9'
				1	1001550	1,550	5'-1"	11'-9"	17"	



High Density Crosslinked (HDXLPE) ranging from 30 to 14,950 gallons

Specify HDXLPE tanks with OR-1000™ for increased chemical resistance and longer tank life (page 30)

IMFO® for full drain system (page 29)

SAFE-TANK® double-wall containment system (page 28)

**L = Molded-in Ladder Attachment Lugs**  
**• = Molded-in Lifting Lugs**   **V = Molded in Lifting Lugs – Virginia Only**  
**D = Double IMFO® available – consult drawing for size options**

Tank Drawings available on website

**Molded-in Lifting Lugs**





Flexible connections required to preserve warranty; allows for tank expansion / contraction and to reduce pump / piping vibration stress on the tank (page 5)

Fittings & Accessories  
(pages 20-24)

Vertical Tanks								
F.O.B.			Stock Number	Nominal Capacity	Approx. O.D.	Approx. Overall Height	Lid Size	Ladder Height
LA	VA	CA						
4			1001450	1,450	7'-2"	6'-2"	10/16/22"	
4	7		1001400	1,400	5'-4"	10'-0"	10"/19"	
		1	1001350	1,350	7'-5"	5'-5"	19"	
4	7		1001150	1,150	5'-4"	8'-2"	10"/19"	8'
		1	1001090	1,090	5'-1"	8'-6"	17"	8'
	7		1001050	1,050	5'-1"	8'-6"	10"/17"/19"	7'
4			1001000	1,000	7'-2"	4'-8"	10"/19"	
4	7		1000905	905	5'-4"	6'-9"	10"/19"	6'
	7		1000805	805	4'-0"	9'-11"	10"/19"	
4			1000755	755	5'-4"	5'-9"	10"/24"	
		1	1000685	685	5'-1"	5'-4"	17"	
	7		1000615	615	4'-0"	7'-9"	17"	7'
		1	1000540	540	4'-0"	7'-0"	17"	6'
4	7		1000540	540	4'-0"	6'-9"	10"/19"	
		1	1000475	475	4'-0"	6'-3"	17"	
	7		1000400	400	3'-9"	5'-3"	8"	
		1	1000325	325	4'-0"	4'-8"	17"	
		1	1000300	300	3'-6"	4'-3"	12"	
4			1000295	295	3'-10"	4'-5"	7"	
	7		1000281	281	2'-10"	7'-0"	7"/10"	
		1	1000280	280	2'-10"	7'-0"	7"/10"	
		1	1000230	230	3'-2"	4'-11"	17"	
4			1000205	205	2'-7"	6'-2"	7"	
4			1000155	155	2'-7"	4'-9"	7"	
		1	1000115	115	2'-6"	3'-11"	12"	
4			1000100	100	1'-11"	5'-7"	7"	
		1	1000055	55	1'-11"	3'-5"	12"	

Cone Bottom Tanks											
	F.O.B.			Stock Number	Nominal Capacity	Slope Degrees	Approx. O.D.	Overall Height w/Stand	Lid Size	Metal Stand Stock #	Ladder Height
	LA	VA	CA								
•			1	4006850	6,850	60	10'-1"	20'-3"	24"	6262	19'
	4			4006500	6,500	45	9'-3"	19'-3"	24"	3495	19'
•			1	4105550	5,550	30	10'-0"	15'-4"	24"	6250	15'
	4			4005350	5,350	45	9'-3"	16'-11"	24"	3495	16'
	4			4002850	2,850	30	7'-11"	11'-4"	16"/24"	5385	11'
	4		1	4002300	2,300	30	7'-11"	9'-9"	16"/24"	5385	9'
			1	4001400	1,400	30	7'-11"	7'-2"	16"/24"	5385	7'
			1	4001070	1,070	45	5'-1"	11'-2"	17"	6256	10'
			1	4000735	735	45	5'-1"	8'-11"	17"	6256	8'
			1	4000615	615 P	44	4'-0"	9'-9"	17"	6254	9'
			1	4000335	335 P	44	4'-0"	6'-9"	17"	6254	6'

• = Molded-in Lifting Lugs  
 P=available with plastic stand

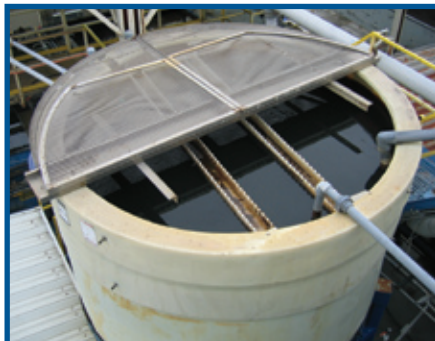
Open Top Cone Bottom Tanks									
	F.O.B.			Stock Number	Nominal Capacity	Slope Degrees	Approx. O.D.	Overall Height w/ Stand	Metal Stand Stock #
	LA	VA	CA						
			1	4300785	785	48	5'-1"	8'-1"	6256

Consult drawing for ground clearance



F.O.B.			Stock Number	Nominal Capacity	Approx. O.D.*	Approx. Overall Height	Flange Type	Cover Type
LA	VA	CA						
		1	1514650	14,650	14'-0"	13'-1"	Internal	
		1	1512300	12,300	12'-0"	15'-0"	Internal	
		1	1509200	9,200	10'-0"	16'-2"	Internal	
		1	1507450	7,450	12'-0"	9'-0"	Internal	
		1	1506900	6,900	12'-0"	8'-4"	Internal	
		1	1506800	6,800	14'-0"	6'-0"	Internal	
		1	1505000	5,000	12'-0"	6'-0"	Internal	
4			1504500	4,500	11'-11"	6'-3"	Internal	
		1	1504000	4,000	10'-0"	6'-11"	Internal	
	7		1503650	3,650	8'-6"	9'-0"	Internal	
4			1503050	3,050	8'-0"	8'-5"	External	Domed Cover
		1	1502890	2,890	10'-0"	5'-0"	Internal	
4			1502650	2,650	8'-0"	7'-3"	External	Domed Cover
		1	1502400	2,400	7'-5"	7'-7"	Internal	
4			1502000	2,000	8'-0"	5'-7"	External	Domed Cover
	7		1501800	1,800	6'-1"	8'-6"	Internal	
		1	1501800	1,800	6'-1"	8'-7"	Internal	
	7		1501750	1,750	7'-9"	5'-1"	Internal	
		1	1501250	1,250	7'-8"	3'-8"	Internal	
	7		1501200	1,200	7'-8"	3'-8"	Internal	
		1	1501200	1,200	6'-1"	5'-7"	Internal	
	7		1501150	1,150	6'-1"	5'-7"	Internal	
	7		1500960	960	5'-4"	6'-0"	Internal	
		1	1500760	760	6'-1"	3'-7"	Internal	
	7		1500715	715	6'-1"	3'-6"	Internal	
		1	1500710	710	5'-1"	4'-9"	Internal	
	7		1500700	700	5'-1"	4'-9"	Internal	
		1	1500515	515	4'-0"	5'-7"	Internal	
4			1500470	470	3'-10"	5'-8"	External	Mod. Shoe Box
		1	1500370	370	4'-0"	4'-0"	Internal	
	7		1500360	360	4'-0"	4'-0"	Internal	
4			1500330	330	3'-10"	4'-0"	External	Mod. Shoe Box
4			1500160	160	2'-7"	4'-4"	External	Mod. Shoe Box
		1	1500160	160	3'-1"	3'-0"	Internal	
	7		1500155	155	3'-1"	3'-0"	Internal	

\*Diameter does not include flange



Tank Drawings available on website

## Cylindrical Secondary Containment

F.O.B.			Stock Number	Nominal Capacity	Approx. O.D. Top*	Approx. O.D. Bottom	Approx. Overall Height	Flange Width
LA	VA	CA						
4			1501500	1,500	11'-9"	11'-6"	2'-0"	2"
	7		1500935	935	6'-7"	6'-3"	4'-0"	2"
	7		1500570	570	6'-6"	6'-4"	2'-7"	2"

## Rectangular Secondary Containment

F.O.B.			Stock Number	Nominal Capacity	Approx. Inside Length	Approx. Inside Width	Approx. Overall Height	Flange Width
LA	VA	CA						
4			5101850	1,850	9'-11"	8'-11"	2'-11"	3"
4			5101500	1,500	6'-3"	5'-3"	7'-2"	4"
4			5101150	1,150	5'-9"	4'-9"	6'-2"	3"
		1	5101000	1,000	12'-7"	7'-7"	2'-4"	N/A
		1	5100730	730	8'-6"	4'-10"	3'-0"	N/A
4			5100700	700	8'-0"	6'-0"	2'-1"	3"
4			5100635	635	9'-2"	3'-1"	3'-2"	4"
		1	5100555	555	6'-6"	4'-10"	3'-0"	N/A
4	7		5100440	<b>440 **</b>	5'-8"	4'-8"	2'-6"	2"
4			5100385	385	5'-6"	3'-7"	2'-10"	2"
	7		5100320	320	5'-6"	3'-5"	2'-8"	3"
4			5100265	265	4'-0"	3'-10"	2'-7"	3"
4	7		5100225	<b>225 **</b>	4'-10"	3'-2"	2'-1"	4"
		1	5300175	175	10'-5"	5'-0"	8"	3"
4			5100165	165	3'-1"	3'-1"	2'-6"	2"
4		1	5300135	135	3'-5"	3'-5"	2'-2"	N/A
4			5100100	100	3'-2"	2'-2"	3'-1"	N/A
4			5100080	80	3'-1"	2'-1"	2'-1"	2"

**NOTE: External support needed to maintain calculated volume**

**\*\*Support Stand with Grating Available**



**Specify SAFE-Tank® double wall design for protected containment area with smaller footprint (page 9).**

Tank Drawings available on website

## Horizontal Tanks

### Horizontal Leg Tanks

F.O.B.			Stock Number	Nominal Capacity	Approx. O.D.	Approx. Length	Lid Size	Bands/Rings Stock #
LA	VA	CA						
4			3502500	2,500	5'-5" x 6'-10"	13'-0"	22"	5307
		1	3402500	2,500	* 5'-10"	14'-11"	17"	6329
		1	3401750	1,750	5'-0"	12'-11"	17"	6328
4			3401600	1,600	4'-8"	13'-3"	24"	5303
		1	3401060	1,060	5'-4"	7'-3"	17"	6327
4			3401050	1,050	4'-0"	12'-9"	16"	5299
		1	3401030	1,030	4'-0"	11'-11"	17"	6326
4			3400700	700	4'-6"	6'-9"	16"	6158
4		1	3400515	515	4'-0"	6'-4"	12"	6325
4			3400410	410	3'-7"	5'-11"	12" - 17"	6324
4			3400330	330	3'-3"	6'-2"	12"	6323
4		1	3400220	220	3'-3"	4'-2"	12"	6322
4		1	3400135	135	2'-7"	3'-10"	12"	6321
4			3400065	65	1'-11"	3'-6"	7"	

\* Not available in Linear Polyethylene



### Horizontal Tanks

F.O.B.			Stock Number	Nominal Capacity	Approx. O.D.	Approx. Length	Lid Size	Saddle Stock #	4' Stand Stock Number	6' Stand Stock Number
LA	VA	CA								
		1	3002600	2,600	5'-10"	13'-8"	16"	6319		
4			3001950	1,950	5'-4"	13'-2"	19"	3464	3475	3486
		1	3001050	1,050	4'-0"	11'-11"	17"	6316		
4			3001000	1,000	5'-4"	7'-3"	10"/19"	3459	3472	3483
		1	3000610	610	3'-11"	7'-9"	7"	667		
4			3000520	520	4'-0"	6'-4"	10"	3456	3470	3481
		1	3000400	400	3'-6"	6'-0"	17"	6312		
		1	3000170	170	2'-8"	4'-7"	12"	6306		

### Sectional Horizontal Tanks

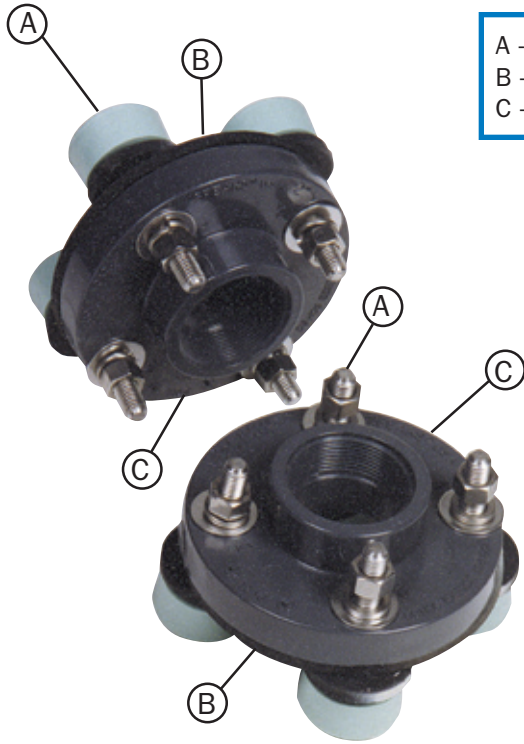
F.O.B.			Stock Number	Nominal Capacity	Approx. O.D.	Approx. Length	Lid Size	Saddle Stock #
LA	VA	CA						
		1	3601950	1,950	5'-0"	14'-2"	4 - 17"	6337
		1	3601520	1,520	5'-0"	11'-1"	3 - 17"	6336
		1	3601075	1,075	5'-0"	8'-1"	2 - 17"	6335

### Elliptical Sectional Horizontal Tanks

F.O.B.			Stock Number	Nominal Capacity	Approx. O.D.	Approx. Length	Lid Size	Saddle Stock #
LA	VA	CA						
		1	3701940	1,940	6'	16'-1"	4 - 17"	6340
		1	3701450	1,450	6'	12'-3"	3 - 17"	6339
		1	3700960	960	6'	8'-5"	2 - 17"	6338

Tank Drawings available on website

**Bolted Flange Fitting**



A - Stud Bolts  
B - Gaskets  
C - Outside Flange

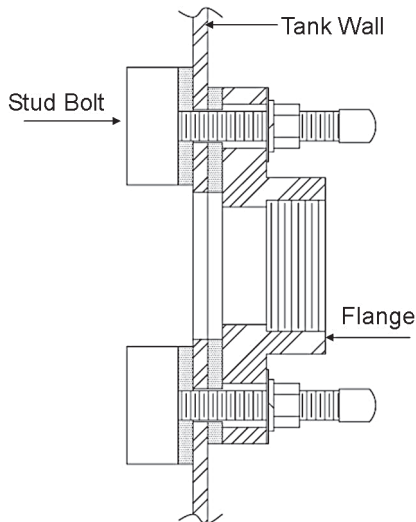
Available in 1", 1-1/2", 2", 3", 4" and 6" I.D.

**Material:**

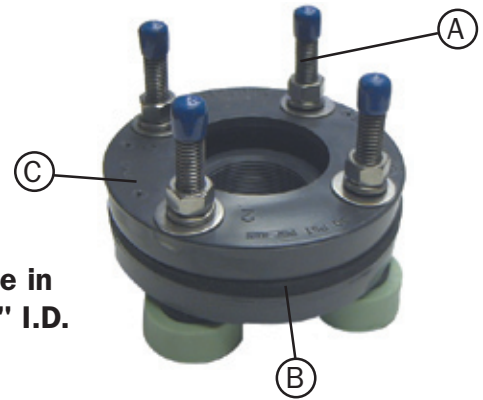
**Outside Flange:** PVC, CPVC

**Gaskets:** EPDM or Viton®

**Bolts:** 316SS, Titanium, C-276, or Alloy 400



**Bolted Flange Bulkhead Fitting**



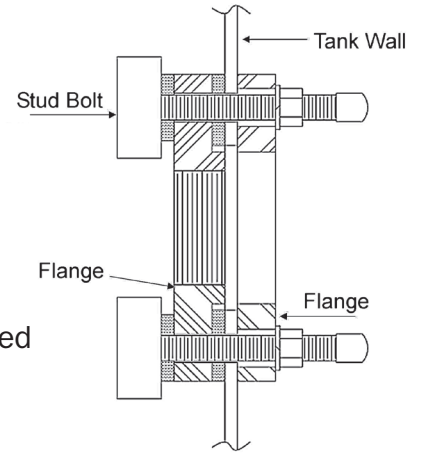
Available in 2" and 3" I.D.

**Material:**

**Body:** PVC, CPVC

**Gaskets:** EPDM or Viton®

**Bolts:** 316SS, Titanium or C-276 for OR-1000™ Lined Systems



**Eccentric Reducer**

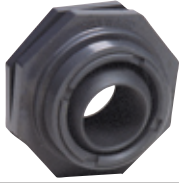


**Material:**

PVC, CPVC

**Complete Drain for IMFO® Service**

“Self Aligning” and “Thru-Dome” Fittings



**BHF Style  
“Self-Aligning”  
Dome**

Available in 1/2", 3/4", 1",  
\*1-1/2", \*2", \*3"



**Flange Style  
“Self-Aligning”  
Dome**

Available in 1-1/2", 2", 3", and 4"



Shown with  
optional  
Flange Adapter

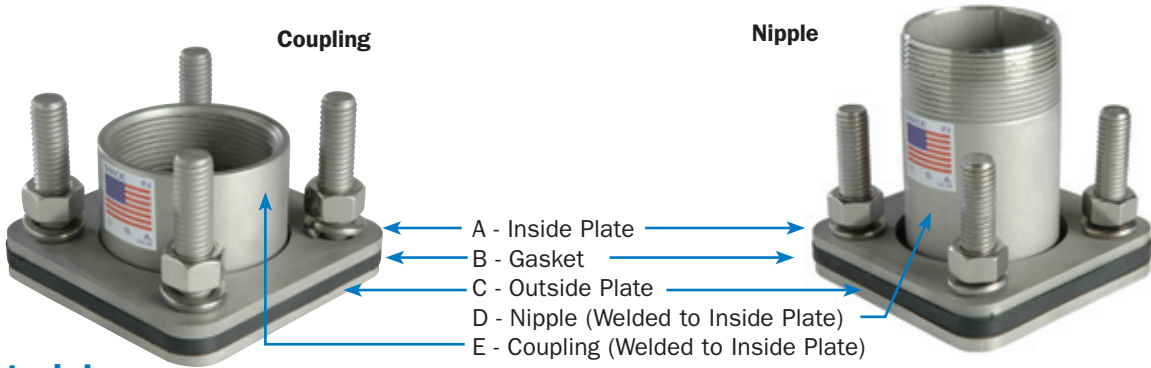
“Thru-Dome” Available in 6"

\*Sizes in PVC only

Material: (for all types shown) PVC, CPVC

Gaskets: EPDM & Viton®

Stainless Steel Fittings



**Material:**

**Body:** 316SS - Standard

**Gaskets:** EPDM or Viton®

All available with flange adapters

Available in 1/2", 3/4", 1",  
1-1/2", 2", 3", and 4"

page  
18

Accessories



Flange Adapter



Bolted Spool Fitting



Siphon Leg



Bolted Lids



Combination Lids



Threaded Lids

Other Accessories Available

**Bolt-on Side Manways**

**Ladders:** OSHA approved  
FRP  
Mild Steel  
(Cages & Returns Available)

**Restraint Systems: Seismic-Rated  
and Wind-Rated as well as Non-Rated  
Lateral Restraint Available. Contact  
Customer Support for Information.**

**SAFE-TANK® Fittings & Accessories**  
(see page 9)

Vents



Mushroom



U-Vent

**Protect Your Warranty!**  
See Venting Requirements  
on page 2.

**CAUTION:** For Hydrochloric Acid service, see special requirements on page 8

Vent Size	Base Fitting Requirements
2" Mushroom (PPL)	None
3" Mushroom (PPL)	None
2" U-Vent	None
3" U-Vent	Yes
4" U-Vent	Yes
6" U-Vent	Yes

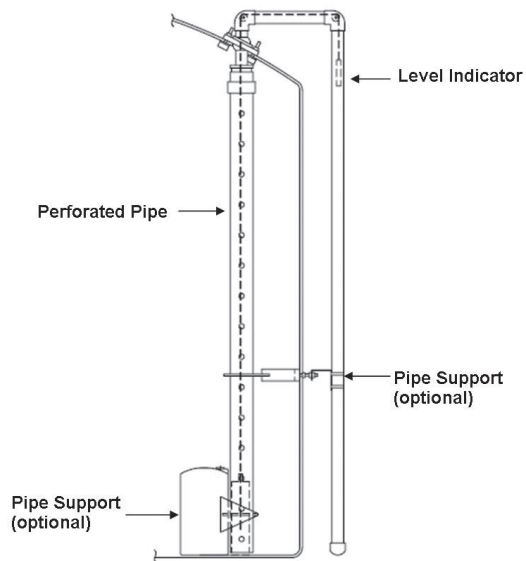
**Material for U-Vents:**

PVC, CPVC or PP

Optional screened openings available

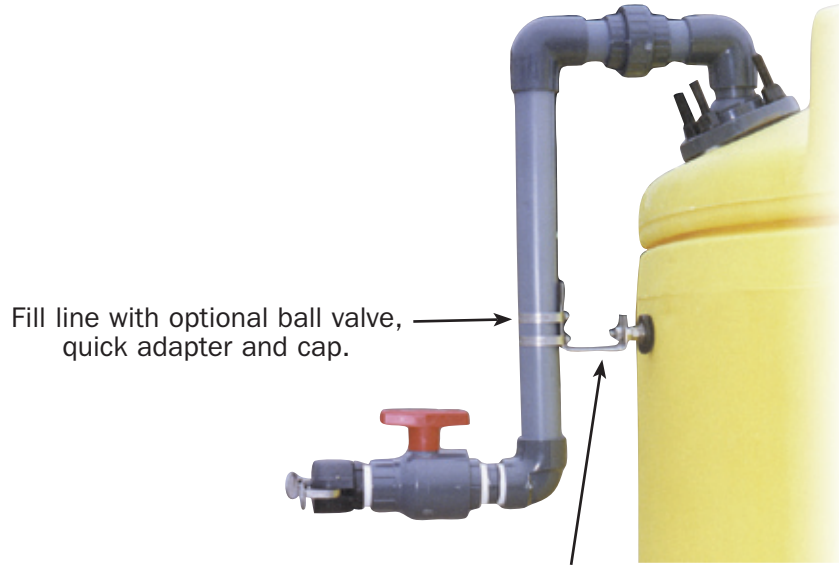
Note: Screened vent size must exceed size of tank's largest fitting by two inches.

Liquid Level Gauges



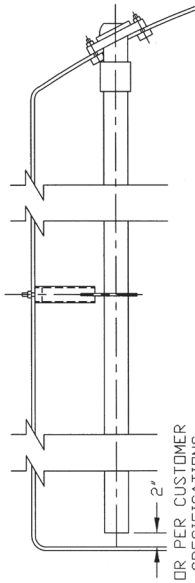
Reverse Float Type

Top Fill / Top Discharge Assemblies

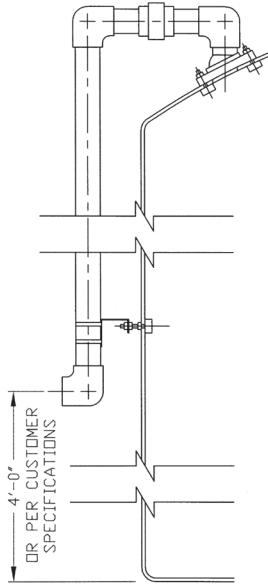


(1) **Support** required for every 6' of pipe.

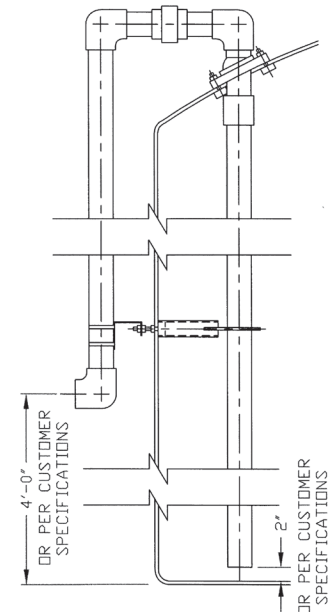
page  
20



INTERIOR DROP PIPE



EXTERIOR DROP PIPE



COMBINATION DROP PIPE

**Specifications:**

**Pipe Size:** 1" - 3"

**Pipe Support:** One required every 6 ft.

**Material:**

Pipe: PVC, CPVC or PP

Gaskets: EPDM

Dome Fittings: PVC, PP or CPVC

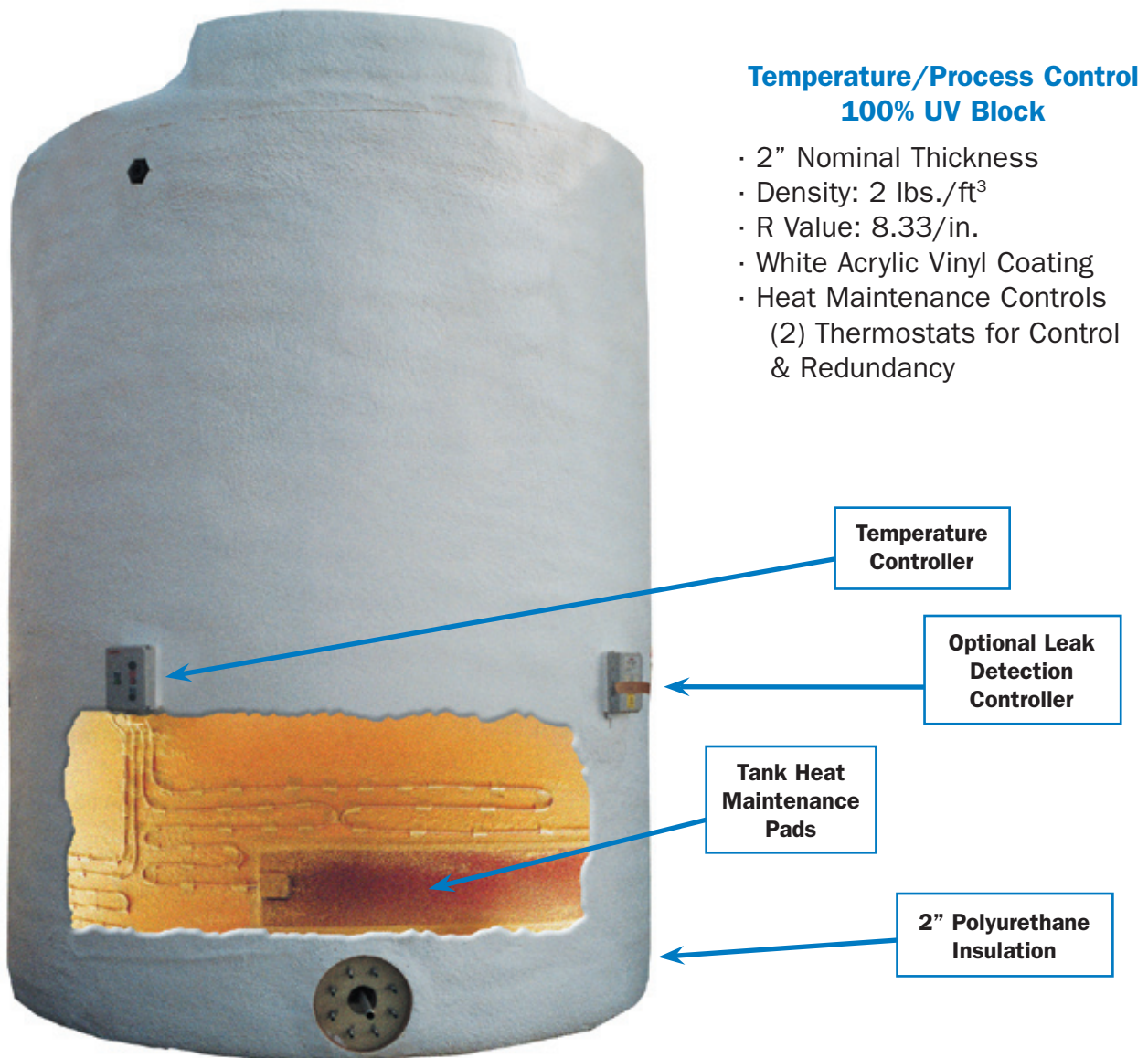
Bolts: 316SS, C-276, Titanium or Alloy 400

Hose Clamp: Stainless Steel

Poly Processing has the capabilities to electrically heat trace tanks to ensure that the contents are maintained at a specified temperature. Insulated tanks also offer 100% UV protection in outdoor installations.

The Tank Heating System is determined by the size of tank, desired temperature maintenance, and environmental conditions. Heating systems are available with a delta-T of 30, 60, and 100°F. Delta-T is the difference between the product temperature and the minimum ambient temperature.

Poly Processing uses SILCOPAD Tank Heating Systems that are specifically designed for temperature maintenance on polyethylene tanks. These tank heating systems maintain the desired product temperature, **not to exceed 100°F**. Each heating system consists of tank heating pads and temperature controllers. Tanks are then insulated with a two inch thick layer of foamed polyurethane insulation covered with two coats of mastic.



Insulated SAFE-TANK® shown above

See website for complete Chemical Resistance Chart

Chemical	Resin Type	Specific Gravity Rating	Fitting Material	Gasket Material	Bolt Material
Acetic Acid ≤ 80%	HDXLPE	1.9	PP	EPDM	316SS
Aluminum Sulfate	HDXLPE	1.65	PVC	EPDM	316SS
Calcium Carbonate	HDXLPE	1.9	PVC	EPDM	316SS
Calcium Chloride	HDXLPE	1.65	PVC	EPDM	Titanium
Citric Acid	HDXLPE	1.65	PVC	EPDM	316SS
Deionized Water	HDXLPE	1.65	PVC	EPDM	316SS
Ethylene Glycol	HDXLPE	1.35	PVC	EPDM	316SS
Ferric Chloride	HDXLPE	1.65	PVC	EPDM	Titanium
Ferric Sulfate	HDXLPE	1.65	PVC	EPDM	Titanium
Ferrous Chloride	HDXLPE	1.9	PVC	EPDM	Titanium
Ferrous Sulfate	HDXLPE	1.65	PVC	EPDM	Titanium
Hydrochloric Acid ≤ 37%	HDXLPE with OR1000™	1.9	PVC	EPDM	C-276
* Hydrofluoric Acid	HDXLPE	1.9	PP	Viton®	C-276
Hydrofluosilicic Acid	HDXLPE	1.9	PVC	EPDM	C-276
* Hydrogen Peroxide	HDXLPE	1.65	PVC	Viton®	316SS
Magnesium Chloride 30%	HDXLPE	1.65	PVC	EPDM	Titanium
Phosphoric Acid > 50%	HDXLPE	1.9	PVC	Viton®	C-276
Phosphoric Acid ≤ 50%	HDXLPE	1.9	PVC	Viton®	316SS
Potable Water	HDPE	1.35	PVC	EPDM	316SS
Potassium Hydroxide	HDXLPE	1.9	PVC	EPDM	C-276
Sodium Bisulfite	HDXLPE	1.65	PVC	EPDM	316SS
Sodium Carbonate	HDXLPE	1.35	PVC	EPDM	Titanium
Sodium Chlorite	HDXLPE	1.9	PVC	Gortex®	316SS
Sodium Hydroxide 50%	HDXLPE	1.65	PVC	EPDM	316SS
* Sodium Hypochlorite 9%-15%	HDXLPE with OR1000™	1.9	PVC	EPDM	Titanium
* Sulfuric Acid ≥ 93%	HDXLPE with OR1000™	2.2	PVC	Viton®	316SS
* Sulfuric Acid 80% - 92%	HDXLPE with OR1000™	2.2	PVC	Viton®	C-276
Sulfuric Acid < 80%	HDXLPE	1.9	PVC	Viton®	C-276

Temperature - product temperature is limited to 100°F. For temperatures from 100°F to 150°F, contact Customer Service.

\* See Application Position Statements, pages 6-8

### Material Descriptions

**Fitting Materials:**

PP (Polypropylene) - light, durable pipe or fitting material with outstanding chemical resistance  
 PVC (Polyvinyl Chloride) - stronger, more rigid pipe or fitting material with excellent chemical resistance

**Gasket Materials:**

EPDM (Ethylene-Propylene Diene Monomer) - good abrasion and tear resistance with excellent chemical resistance  
 Viton® (Fluorocarbon) - broader temperature and chemical resistance  
 Gortex® (Teflon®) - highest temperature resistance

**Bolt Materials:**

316SS (Stainless Steel Type 316) - common alloy used in many storage applications  
 Titanium - strong as steel, but half the weight  
 C-276 (Alloy C-276) - broader chemical resistance for more difficult storage applications

Poly Processing Company Product	Warranty Period
<b>CROSSLINKED POLYETHYLENE TANKS</b> for all suitable applications except those listed below	5 yrs
<b>IMFO</b> TANKS STORING <b>SODIUM HYPOCHLORITE 9 – 15 wt%</b> (refer to PPC Position Statement) <u>HDXLPE w/ OR-1000™</u> , 1.9 spg rating	5 yrs
<b>NON-IMFO</b> TANKS STORING <b>SODIUM HYPOCHLORITE 9 – 15 wt%</b> (refer to PPC Position Statement) 1000 gallons and larger: <u>HDXLPE w/ OR-1000™</u> , 1.9 spg rating Less than 1000 gallons: <u>HDXLPE</u> 1.9 spg rating	3 yrs
<b>TANKS STORING SULFURIC ACID ≥ 80% CONCENTRATION</b> (refer to PPC Position Statement) <b>SAFE-TANK</b> to 8700 gallons: <u>HDXLPE w/ OR-1000™</u> , 2.2 spg rating Vertical tanks 1000 - 6600 gallons: <u>HDXLPE w/ OR-1000™</u> , 2.2 spg rating Vertical tanks less than 1000 gallons: <u>HDXLPE</u> 1.9 spg rating	3 yrs
<b>TANKS STORING HYDROCHLORIC ACID ≤ 37% CONCENTRATION</b> (refer to PPC Position Statement) <u>HDXLPE w/ OR-1000™</u> , 1.9 spg rating	5 yrs
<b>TANKS STORING HYDROCHLORIC ACID ≤ 37% CONCENTRATION</b> (refer to PPC Position Statement) <u>HDXLPE</u> 1.9 spg rating	3 yrs
<b>LINEAR POLYETHYLENE TANKS</b> - for all suitable applications except <b>Sodium Hypochlorite 9 – 15%; Sulfuric Acid and Hydrochloric Acid of any concentration</b>	3 yrs

Poly Processing Company's warranty consists of repair or replacement of defective product. Owner and/or user may be requested to provide a cleaned section of the product in question for evaluation. Product disposal or alternate use is the owner and/or user's responsibility. Warranty begins at date of shipment from PPC plant. Parts and ancillary items are warranted for ninety (90) days.

Poly Processing Company's liability is limited to either repair or replacement of its product. By accepting delivery of the product, owner and/or user waives any claim against PPC for incidental or consequential damages as they relate to lost profits or sales or to injury of persons or property, including secondary containment. Owner and/or user accepts full responsibility for providing secondary containment appropriate and adequate for the stored material.

This warranty will be nullified if:

1. Product has been used in manner other than its originally declared purpose or if PPC tank recommendations have not been followed.
2. Product has not been installed, used, and maintained in accordance with a) all federal, state, and local laws and regulations; b) generally accepted best practices within the applicable industry; c) guidelines set forth in the PPC Installation Manual and/or in PPC Position Statements.
3. Product has been altered or repaired by unauthorized personnel.
4. Notification of the defect has not been made in writing within the warranty period.
5. Invoice for product has not been paid.
6. Product has been subjected to misuse, negligence, fire, accident, act of war, or act of God.

The limited warranty described herein is Poly Processing Company's sole warranty and the complete, final and exclusive statement of the terms of the warranty. Owner and/or user may not rely on any oral statement or representations. This warranty is neither assignable nor transferable.

Issued: November 1, 2006

**Crosslinked Polyethylene is a time-tested answer to a broad spectrum of chemical storage needs:  
Acids, Oxidizers, Bases and Salts**

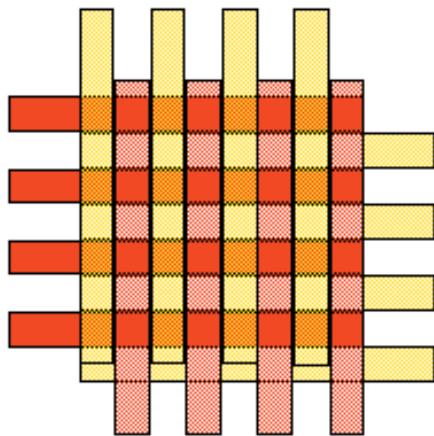
## ***Consistent and Reliable Chemical Storage for Versatile Applications!***

- **Maximum Corrosion Protection**
- **Seamless, One-Piece Design**
- **Impact Resilient**
- **Maintenance Free**
- **Improved Product Life Cycle**

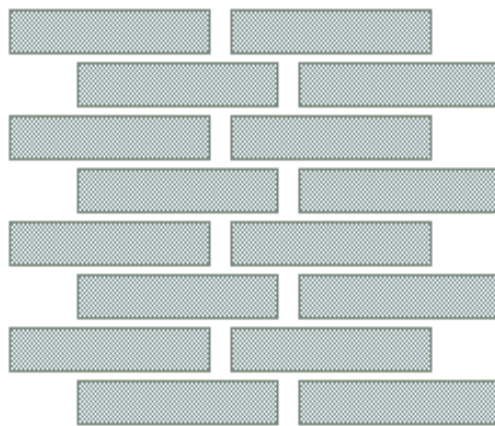
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### **Molecular Bonding Makes the Difference:**

**Crosslinked Polyethylene**



**Linear Polyethylene**

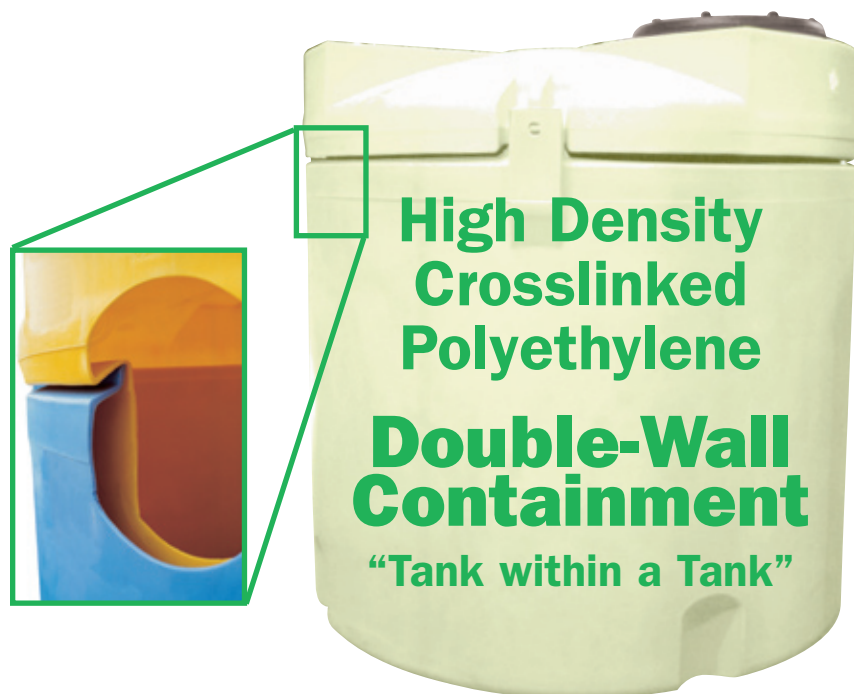


# The SAFE-Tank® Storage and Containment System: Stewardship in the Working Environment

## *Affording Business Peace of Mind!*

- Double Wall Protection
- Protected Containment Area
- Full Sidewall Protection
- **110% Minimum Containment**
- Isolate Reactive Chemicals

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# Discover the IMFO®

(Integrally Molded Flanged Outlet)

## *An Easy Business Flow of People and Product!*

- **Seamless, One-Piece Construction**
- **Avoids Confined-Space Entry**
- **Prevent Sludge Build-Up**
- **External Fitting Access**
- **Complete Drain**
- **Easy Clean**
- **5 Year Warranty With NaOCl**
- **Specifically Engineered for:**
  - **Sodium Hypochlorite**
  - **Sulfuric Acid**
  - **Hydrochloric Acid**

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# Provide Longer Tank Life with an IMFO®/OR-1000™ System!

## *Increase Tank Longevity!*



- **Proven System since 1995**
- **Increased Chemical Resistance**
- **Complete Drain**
- **Maintenance Free**
- **Avoids Confined-Space Entry**
- **4x Anti-Oxidant Package**
- **Sodium Hypochlorite/Sulfuric Acid/  
Hydrochloric Acid applications\***

\*See warranty information on page 26

# OR-1000™ Tank Systems!

*Specify Peace of Mind!*

## *NSF/ANSI 61*

- **OR-1000™ Engineered System**
- **4 Times Antioxidants**
- **Certified for 31+ Hazardous and Corrosive Chemical Applications**
- **Design Temperatures to 140°F**
- **Complies with State Regulations**

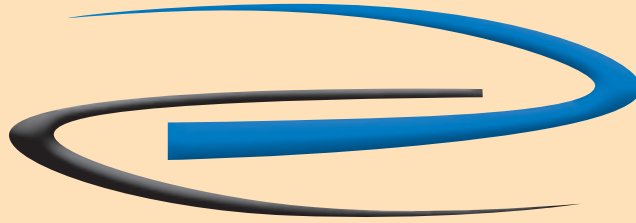
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***Thank You For Your Business!***

**PPC  
Customer Support  
1-866-590-6845**

**[www.polyprocessing.com](http://www.polyprocessing.com)**



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**POLY**PROCESSING  
C O M P A N Y

*Helping You...*

**Manage Risks**  
**Solve Problems**  
**Increase Profits**

Your Distributor