

NEXT LEVEL FULL DRAIN TANK SOLUTIONS

Sloped Bottom IMFO®: integrally molded outlet with sloped floor



Traditional tank maintenance can be a challenge with many chemicals – so Poly has designed and engineered a unique sloped bottom tank system that greatly minimizes the hazards associated with traditional vertical tank maintenance. With Poly Processing's Sloped Bottom Integrally Molded Flanged Outlet tank, or IMFO® system, the flange is molded while the tank is processing, making it a stress-free part of the tank. The floor of the tank is sloped towards the IMFO giving the user the greatest possible full drain system in a vertical tank design.

The Sloped Bottom IMFO's advantages are many:

- The flange is at the bottom of the tank and the tank floor is sloped, therefore complete full drainage is achieved below the tank knuckle radius, which eliminates the need to enter the tank for cleaning.
- One-piece construction enhances long-term performance of the tank, since it doesn't compromise the tank hoop's integrity or structural design.
- In aggressive applications, the complete flange face is protected by the antioxidant OR-1000™ system.
- The Sloped Bottom IMFO allows even heavier materials such as sludge, FOG, and thicker chemicals to discharge completely.

CALIFORNIA
8055 S. Ash St.
French Camp, CA 95231

LOUISIANA
P.O. Box 4150
2201 Old Sterlington Rd.
Monroe, LA 71203
Tel: 866.590.6845
sales@polyprocessing.com

VIRGINIA
161 McGhee Rd.
Winchester, VA 22603

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SLOPED BOTTOM TANKS WITH IMFO®

SLOPED BOTTOM VERTICAL TANK WITH IMFO®

	Stock Number	Nominal Capacity	Approx. O.D.	Approx. Overall Height	Lid Size	IMFO® Size
L •	1215000	15,000	13'-9"	16'-5"	24"	4"
L •	1213200	13,200	13'-9"	14'-7"	24"	4"
•	1211800	11,800	12'-0"	16'-6"	24"	4"
L •	1209850	9,850	12'-0"	13'-11"	24"	4"
•	1208500	8,500	12'-0"	12'-5"	24"	4"
L •	1206350	6,350	10'-2"	12'-7"	24"	4"
L •	1206250	6,250	10'-0"	13'-1"	24"	4"
L •	1204200	4,200	8'-2"	13'-6"	24"	3"
L •	1204100	4,100	8'-6"	12'-11"	24"	3"

• = Molded-in lifting lugs

L = Molded-in ladder attachment lugs

The foam PolyBase gives you the following advantages in your chemical storage application:

- Portable/non-permanent—Place the PolyBase anywhere you need to, without installing a permanent structure. You can move the PolyBase wherever you move the tank.
- Time savings—The PolyBase is a set-in-place product. No major construction is needed for installation.
- Turnkey—Ships with the tank and is factory-fitted before it leaves our facility.
- Cost-effective—Save money over permanent concrete structures that require earthwork, engineering and costly concrete work.
- Total support—Seamless design ensures that the entire tank bottom is fully supported. No high or low spots to cause premature issues with the tank floor.
- Chemically resistant—The PolyBase is engineered to be chemically resistant with the product you're storing.
- Easy setup and installation—The PolyBase is delivered with the tank. It's light enough to move and set in place without heavy equipment.



- This PolyBase is rated at 48 psi—providing four times the service factor as our standard plastic PolyBase.
- A 4mm plywood underlayment contains a 4lb core of polyurethane support foam, while a polyurea coating provides weather and moisture protection. The moisture-proof and chemical-resistant barrier eliminates corrosive properties that can lead to corrosion under insulation (CUI).
- The PolyBase is compatible with nearly every chemical that our cross-linked polyethylene tanks can handle—including the heavy and corrosive chemical, sulfuric acid.

FOR MORE INFORMATION

866-POLYXLPE

866-765-9957

or 800-523-9871

www.polyprocessing.com



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NSF/ANSI 61

