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Sodium Hypochlorite (NaOCl) <15%

Quality: First and Forever

High-quality storage solutions are crucial to maintaining long-lasting products. For Sodium Hypochlorite storage, the specifications of the storage tank directly impact the quality and longevity of the Sodium Hypochlorite inside. At Assmann, we have a multitude of solutions for Sodium Hypochlorite storage. Our top recommendations are in this sheet, namely Double Wall Tanks, and Full Drain Outlet Tanks.

DOUBLE WALL TANKS

Assmann Double Wall Tanks are designed with wall thickness equal to or greater than that required by ASTM D-1998 standards. We calculate the wall thickness at the bottom of each tank where hoop stress is greatest, then produce uniform thickness throughout the wall. Double Wall Tanks are available in either crosslink or linear polyethylene.

- Double Wall Tanks are designed for 1.9 specific gravity
- Available in natural color, blue, green, yellow, or black
- See page 2 for available Double Wall Tank specifications

FITTINGS

Assmann accessories can improve the lifetime and efficiency of your tank. We have the following fittings available:

- All Metallic Titanium Constructed Fittings
- Bulkhead Fittings
- PVC and CPVC Self-Aligning Dome Fittings
- Interstitial Leak Detection
- Lifting Lugs
- Reverse Level Indication

Each fitting is available in a variety of sizes to accommodate different tanks.

VENTING

Under-venting is the one of the most common causes for tank failure. When filling and draining tanks, they cannot be exposed to pressure or vacuum. It requires a vent twice your largest inlet of outlet to avoid pressurization, and sometimes even larger when tanks are pneumatically filled. At Assmann, we offer a variety of venting options in multiple sizes and configurations to fit a wide range of tanks.

- PVC and CPVC U-Vent Assemblies
- Molded Polyethylene Mushroom Vents
- Hinged and Weighted Manway Covers

TIPS

When practical, Sodium Hypochlorite should not exceed 100 degrees Fahrenheit at delivery or during storage. Keeping a tank from direct sunlight can help regulate temperature. Assmann plastic storage tanks are available with a tank heating system to maintain level required by temperature sensitive stored liquids.

Assmann Corporation's uniform wall thickness adds extra material to the dome of the tank and helps eliminate the amount of UV breakdown that happens to the dome of the tank I.E. "the thicker the material, the longer it takes to break down." The ultimate best method to prevent UV penetration into the tank is a 1" thick coat of foam insulation with mastic coating. This insulation virtually eliminates UV rays from entering the tank, thus helping protect the tank and the chemical being stored.

DOUBLE WALL TANK SPECIFICATIONS

Model Number	US Gallons	Diameter	Height
IMT 20	20	26-1/8"	21-3/8"
IMT 40	40	26-1/8"	33-1/2"
IMT 65	65	26-1/8"	47-3/4"
IMT 85	85	34-1/2"	38-1/2"
IMT 120	120	34-1/2"	51"
IMT 150	150	47"	44"
IMT 165	165	34-1/2"	66"
IMT 250	250	47"	61"
IMT 405	405	47"	76"
IMT 550	550	60"	73"
IMT 625	625	47"	113"
IMT 1050	1050	72"	87"
IMT 1550	1550	72"	123"
IMT 2100	2100	123"	159"
IMT 2550	2550	96"	119"
IMT 3050	3050	96"	138"
IMT 4050	4050	96"	177"
IMT 4400	4400	123"	177"
IMT 5250	5250	119"	154"
IMT 6550	6550	119"	186"
IMT 8850	8850	143"	173"

FULL DRAIN TANKS

Assmann offers a Full Drain Outlet (FDO) outlet assembly so you can fully drain your tank without the need for mechanically installed nozzles.

What's unique about FDO assembly is the fully replaceable polyethylene flange adapter. This provides the ability to replace the flange in the event of chemical or mechanical damage without having to replace the entire vessel.

Full drain outlet tanks are available in sizes 2,500 gallons and larger.

FITTINGS

- Molded in Metallic Insert of Titanium Construction
- Flexible Expansion Joints Available
- Bulkhead Fittings
- PVC and CPVC Self-Aligning Dome Fittings
- Lifting Lugs
- Level Indication

Each fitting is available in a variety of sizes to accommodate different tanks.

VENTING

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- PVC and CPVC U-Vent Assemblies
- Molded Polyethylene Mushroom Vents
- Hinged and Weighted Manway Covers

TIPS

Assmann rotationally molded tanks are by far the toughest polyethylene tanks offered to the industrial market. However, the fittings and tanks are susceptible to damage if improperly handled. Whenever possible, use a crane or other suitable lifting devices to remove the tanks from the truck.

Assmann recommends that our tanks are filled from the top. Sidewall fill ports can be dangerous to your tank, as air and chemical would be introduced below liquid level and could cause the tank to expand and possibly fail.

Many chemicals foam when they are flowing or free falling into the storage tank. Assmann offers anti-foam elbows as an option on the inside of your tank. These nozzles direct the liquid towards the tank wall and reduce the amount of foaming that occurs during the fill cycle.

FULL DRAIN TANK SPECIFICATIONS

Model Number	US Gallons	Diameter	Height
FDO2500T	2,500	86″	119″
FDO2900T	2,900	96″	111″
FDO3000T	3,000	90″	122″
FDO4000T	4,000	90″	162″
FDO4100T	4,100	119″	108″
FDO4200T	4,200	96″	152″
FDO5200T	5,200	105″	160″
FDO5500T	5,500	119″	141″
FDO5600T	5,600	96″	196″
FDO6500T	6,500	105″	193″
FDO6510T	6,500	119″	163″
FDO7300T	7,300	119″	177″
FDO8000T	8,000	143″	142″
FDO8400T	8,400	119″	201″
FDO10000T	10,000	143″	173″
FDO12000T	12,000	143″	196″

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