

# Vertical Bulk Storage Tanks

## PRODUCT DESCRIPTION

Dura-Cast Products offers a full line of polyethylene vertical bulk storage tanks. They are seamless, lightweight, easy to clean; corrosion and rust-resistant.

Vertical tanks are molded of polyethylene resin that is compounded with UV stabilizers to extend their life and durability. Our vertical tanks are rotationally molded and manufactured to the highest quality standards in the industry.

### Vertical Tanks:

- Capacities from 20 to 12,000 gallons
- Four duty ratings available – Standard, Heavy, Super, and Super Duper
- Free-standing on solid pad
- Molded-in measurement graduations
- Vented manway fitting on top
- Custom installation of optional drain fitting
- Translucent Natural White provides visible content level
- FDA approved Polyethylene for safe storage of water and foodstuffs
- Three (3) year warranty – no cracking, tearing, or splitting



### Vertical Tank Uses –

Polyethylene vertical tanks are primarily used for bulk storage. Because they have superior mechanical properties, high stiffness, excellent low temperature impact strength, and outstanding environmental stress crack resistance, they stand up well in these tough environments.

Vertical tanks have a high resistance to both physical and chemical attack. This makes them excellent containment vessels for a wide range of diverse contents from aggressive corrosive chemicals to food products. Some typical contents are a wide range of industrial chemicals, liquid fertilizers, liquid animal feeds, potable water, or liquid food products.



### Vertical Tank Construction –

The overall general toughness and excellent chemical resistance of polyethylene to a wide array of wet and dry industrial chemicals and food products makes it ideally suited for storage tanks. Dura-Cast vertical tanks are made with FDA approved UV stabilized Linear Medium Density Polyethylene (LMDPE). They comply with U.S. Food & Drug Administration regulation 21CFR 177.1520 (1) 3.1 and 3.2 for storage of potable water. This permits it to be used as an article that can be in contact with potable water or food products.

## Vertical Bulk Storage Tanks

Vertical tanks can be used indoors or outdoors. Because the resin is UV stabilized, it will not breakdown under harsh outdoor weather conditions or under prolonged exposure to fluorescent lights. The natural opaqueness of polyethylene permits easy viewing of content levels.

Because the vertical tanks are rotomolded, they are of single-piece construction, seamless, have consistent tank wall thicknesses, and are stronger at wall joints and corners. Each vertical tank comes equipped with a manway fitting installed on top of the tank.



Vertical tanks are available with Standard (1.2 SPG), Heavy (1.5 SPG), Super (1.9 SPG), and Super Duper (2.5) duty ratings. Standard color is Natural White, but tanks can be ordered with teal, gray, black, blue, or your choice of custom color.

Dura-Cast vertical tanks are designed to withstand the tough 24/7 requirements required for today's demanding use.

FEATURES	FUNCTIONS / BENEFITS
• Rotationally molded	• Seamless and very durable
• Linear Medium Density Polyethylene Resin	• A tough material – high-impact strength, lightweight, corrosion resistant, and easy to clean
• Compounded with Ultraviolet stabilizers	• Resistant to UV deterioration
• Colors	• Translucent Natural White, teal, gray, black, or your choice of custom colors
• Manway fitting	• Easy access for tank fill and cleaning
• Shape retention	• Polyethylene has a strong tendency to return to its original shape when severely distorted
• Three year warranty	• Asset protection

### SPECIFICATIONS

Please refer to Dura-Cast published price lists for capacity, color, resin, shape, dimensions, and other characteristics for each vertical tank.

Dura-Cast Products, Inc. is Florida's premier rotomolded plastics manufacturer. We produce products that are used locally and around the globe. The company was founded in 1973, purchased by its current owners in 1987, and is privately held. Dura-Cast manufactures many lines of products that include a complete line of open top, vertical, cone bottom, and horizontal tanks; marine and general purpose tanks, rigid polyliners, horticultural products, animal enrichment toys, and other property enhancement products.



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