

What are Aqua Blox?

Aqua Blox® are purified and bacteria free drinking water products with a United States Coast Guard approved five year shelf life. They are aseptically packaged, very economical, and have an excellent taste.

Aqua Blox® are an effective means of dispensing drinking water and ice to emergency personal and disaster victims during field operations like hurricanes, earthquakes, floods, terrorist attacks, tornadoes, fires, or any other disaster response.

Aqua Blox® are 8.45 fluid ounces (250ml) and simplify water rationing and management.

Aqua Blox® complies and exceeds Federal standards for purified drinking water.

Aqua Blox® can withstand temperatures ranging from -22 to 150 degrees Fahrenheit and safely and efficiently stack and store for five years.

When frozen, Aqua Blox® can be utilized as a first aid cold pack for bruises, sprains, and other injuries. They are long lasting and significantly less expensive than chemical cold packs.

Since Aqua Blox® are commercially sterile, they can be used as a wound cleanser or an eye wash. Insert the straw and squeeze the box with enough pressure to eject a sterile water stream that can remove infectious particles from wounds.

How can Aqua Blox water last 5 year?

There are four factors which must be present to allow any water product to have a 5 year shelf-life.

1. The water must be sterile. This is accomplished through Ultra High Temperature pasteurization (UHT).
2. The interior of the water container must be sterile. The entire interior surface of the Aqua Blox® packaging is sterilized during the filling process.
3. The container must be airtight. The Aqua Blox® package is airtight. This is accomplished by using multi-layer laminates in the packaging which create a barrier impermeable to outside elements and contaminants.
4. The container must be resistant to light. The laminated layers in the Aqua Blox® aseptic container are designed to prevent light from entering. Light is a catalyst for microbial growth and therefore must be eliminated to give water an extensive shelf life.

Aqua Blox® is the first and only aseptically packaged water in North America. Europeans have been using aseptically packaged water since 1973. The drink box (aseptic package) was invented in Europe to prolong the shelf life of many beverages, including water.

It is important not to confuse other aseptically packaged beverages with Aqua Blox® aseptically packaged water. Juices and other beverages do not last 5 years because they have other components (substrates) in them which naturally break down over time. Purified water has no substrates; its only component is the water molecule.

Finally, the packaging material used for water differs considerably from the material used for other beverages. With Aqua Blox®, there is a special poly laminate layer along the interior surface of the box. This layer is referred to as the "water paper liner", which prevents water molecules from touching the aluminum foil layer and rendering an unsavory metallic taste. The manufacturers of Aqua Blox® believe it is important that the water taste pleasant, in addition to having an extensive shelf life.

Aqua Blox® vs Bottled Water

Aqua Blox®	Bottled Water
Aqua Blox® was designed as a multifunctional emergency water product for first responders.	Bottled water was designed as a consumer beverage for retail application.
Aqua Blox® has a 5 year shelf-life, tested and approved by the United States Coast Guard.	Bottled Water has a maximum 2 year shelf-life and will experience "package migration" making the contents taste like the plastic bottle when stored.
Aqua Blox® is packaged using Ultra High Temperature Pasteurization (UHT), yielding commercially sterile water suitable for hydration, wound cleansing, or as an eye wash.	Bottled Water contents and packaging are not sterilized when packaged.
Aqua Blox® is packaged in specifically designed, aseptic, multi-layer, corrosion-resistant material and is hermetically sealed without light or air contact, ensuring extended product quality and long-term storage.	Bottled Water was designed for appeal and immediate consumption, not for long-term storage.
Aqua Blox® can be frozen and used as an ice pack for first aid or freezer packs to preserve perishable food during power outages and serves essential hydration needs when thawed.	Bottled Water expands, splits, and leaks when frozen.