

WATER IS LIFE

There is one thing human life cannot possibly survive without. It is our life essence; the most precious of resources on our planet and not only that, 60% of every human body on this planet is made up of this substance. We exist because it exists. Water is life.

Water has many uses, in agriculture, cooking and personal hygiene, transportation, cleaning, science, fire extinction, recreation, but most importantly, human consumption. Without sustainable access to clean drinking water, disease and death are a certainty.

Over 1.6 million people die every year from diseases attributable to lack of access to safe drinking water and basic sanitation. In Australia, we are lucky. With 100% accessibility to clean drinking water, brought by decades of solid work from our governing bodies, we have the ability to use water wherever we need it.

There are many ways to transport water, for whatever means necessary. From Aqueducts to vehicles, and water bottles and backpacks for sport and travel, the ability to access water wherever you are, relies on quality products that can keep your precious cargo sanitised, as well as ease of transporting.

Supplying water to remote construction and infrastructure projects or mining, oil and gas sites is not only expensive but can also be logistically

complex at times, and will always involve health considerations. One of the necessities of these temporary remote locations is the supply of potable water for drinking, cooking and personal hygiene.

Consider the following scenario: A new site facility is established. In order to provide an adequate supply of drinking water the following steps are required:

1. A hard body water tank is sourced and delivered to site typically using a truck and due to the dimensions of the tank and the need to lift it into position, requiring a vehicle with craning capability.
2. A water tanker is then sent to fill the tank at its new location.
3. During the project, a water tanker is required a number of times to fill up the tank – frequency and details may include significant health considerations for compliance with safe drinking water guidelines.
4. At the end of the project the remaining water is drained and a truck is required to pick up the tank at the end of the decommissioning period.

All of the above needs coordination and we have not even considered vessel cleaning and maintenance. Should the tank require cleaning for whatever reason during the period, it will need to be drained, cleaned and then filled up.

With a simpler, more efficient and cost-effective solution, things become easier.

BluBag™ Australia provides innovative and cost-effective solutions that can dramatically simplify the logistics process. Their solutions are based on the dual-layer water bladders. They are the only products on the market that are designed with a replaceable food-grade insert that holds the water completely protected from the environment. This approach has a number of key benefits:

- *No maintenance and cleaning required – just replace the inner liner when required.*
- *Folds away requiring very little storage space, unlike traditional hard-body tanks.*
- *Reusable – easily restored to full functionality after use.*
- *Food-grade inner liner keeps water tasting fresh and free from any contamination and chemical/plastic flavours for long periods of time.*
- *UV Resistant PVC outer layer provides strength and reduces algae growth (Industrial Range).*
- *Easily transportable and does not require specialised water trucks.*

Founded on extensive experience in resources, and designed to break the barriers and challenges of providing fresh water to remote areas; BluBag™ solutions mean you always have clean water with you in the most rugged and harsh conditions.

An ideal accompaniment to any camping, boating or 4WD trip, the leisure range is designed for both

home and outdoor use and is made from heavy-duty polyester. It's available in a range of sizes, up to 200 litres and is ideal for providing fresh water to small groups of people. They are cost-effective and environmentally friendly.

Choosing a product that won't let you down is very important. In Australia, we spend a great deal of time outdoors, be it at the beach, picnics, events and other leisure activities – all which require water. Water containers, currently available on the market, are generally hard body containers and made from plastic. They are rigid and take up much needed space when not in use. After a short while, it is common for the water to have a plastic flavour.

This leads many people to opt for expensive bottled water instead. If it's just you, the personal range features collapsible, personal drinking containers which are perfect for your next adventure whether you're planning on camping, hiking, cycling – or if you're just after an easy to carry alternative to your regular gym water bottle.

While bottled water provides an effective solution, it is expensive and requires extra room for storage. The personal range of BluBags™, on the other hand, is a collapsible and lightweight container, with minimal volume when empty. This allows for efficient storage and transportation in large quantities and over large distances.

Efficient and environmentally friendly, they can be used countless times with just a warm, soapy wash between uses. They are made of resilient and flexible food-grade low-density polyethylene (LDPE) that will not leach into the water (unlike plastic containers made of PET, HDPE or PVC).

In ideal conditions the personal range can be stored for up to 5 years. They can hold water up to 80°C and resist freezing to -20°C. They are drop-resistant and can sustain being dropped from up to 2 metres. They are available in 5 and 10 Litre versions.



They are easy to fill and easy to use. They can be easily carried thanks to the easy-grip handle and they feature an adjustable spout for drinking and dispensing. When not in use, they can be folded and stored in pockets, backpacks or bags.

They also have the JerryBag™ Range which is ideal if you're heading camping or 4WDing as a cost effective replacement for traditional jerry cans. They have a number of advantages over the old jerry cans including: UV resistant outer layer, easy to move around with carrying and hanging straps, easy to store and only take up very little space, and they can also be used to carry diesel with a separate insert.

With their flexible shape, they can be stored in out-of-the-way areas in caravans and boats and easily moved as required. When not in use they are folded away and only take very little storage space. Caravan and boat users can use their on-board tanks for showering and cleaning, while the water kept inside can be used for drinking and cooking.

They are ideal for filling up caravan and boat tanks. When required, they are quickly and easily made ready for use, and when done they can be stored out of the way until the next time.

Living in Australia, we are prone to dangerous emergency situations at any given time, from cyclones to floods, drought and fire. In any of these dangerous natural conditions,

the supply of drinking water may be compromised due to damage, unavailability of power or contamination of the water supply source.

Emergency guidelines require that a temporary supply of drinking water is prepared prior to the cyclone event. The 'normal' procedure is to fill the bath tub with water to be used in case of an emergency. This, however, can pose a safety risk, especially if children are present. In addition, the water may be contaminated as it is not covered and is normally discarded to the drain when it is no longer required.

For the home, a 40 litre or a 100 litre bag is recommended for emergency situation preparation. They can easily be filled from a hose and kept inside the house until they are needed. When the situation has eased, the water can still be used and is not wasted.

For all problems you might face with the requirement of consuming this resource, whether it's hiking, camping, 4Wheel Driving or emergency situations, it's best to have solutions available in case they arise. Always being prepared is essential. When you head out into this beautiful country of ours, which can be inconceivable harsh, prevention of a bad situation might be hard, but preparation is the solution.

BluBag solutions are the safest, most hygienic and versatile solution to transport drinking water available on the market.