

FLEXIBLE STORAGE WATER



Rainwater harvesting • 80 m³ • PANAMA

Water, an essential resource...

Choose a Labaronne-Citaf flexible tank!

For the whole population, water is an essential resource, necessary to exist and indispensable for the majority of its activities.

For professionals, this means that a solution must be found to store natural water without risk of alteration, and in a reliable manner. Whether it is to supply an isolated area, a temporary storage area (construction site, event...), or to integrate industrial processes such as treatment, transformation, cooling, washing, etc.; water must be available at all times, continuously, regardless of the location. To answer this problem, Labaronne-Citaf proposes a storage solution without building permit, reusable, easy to install and quickly operational.

For more than 60 years, Labaronne-Citaf has been manufacturing and marketing flexible water storage solutions in compliance with regulations and the environment, throughout the world. By choosing Labaronne-Citaf, with nearly 800 tanks dedicated to water storage sold each year, you are choosing experience and personalized support.

FLEXIBLE TANK WATER

Store water
safely, reliably
and sustainably.



BENEFITS

» The best value for money

Storage in a flexible tank has many advantages, both in terms of **quality** and **economics**: no planning permission, very limited logistics, civil engineering, installation or operating costs, unlike rigid solutions (metal, concrete, underground). Investing in Labaronne-Citaf flexible tanks ensures **reliability** and **profitability** (the most cost-effective solution per m³ installed with tanks still operational after 20 years).

» Safety and peace of mind

Thanks to our closed storage - without contact with air or light - you ensure a stable water resource, with **no risk of evaporation or external contamination** of the liquid. You also limit the proliferation of mosquitoes on your sites and **eliminate all risk of accidents** possible with open storage. The overall migration of our technical

fabrics towards the liquid is controlled and verified by the **IANESCO** laboratory (reference RE-15/00925). The **quality of the water** is therefore **not altered** in any way by its storage in our flexible tanks.

» Specialised teams and services

Trust the customized advice of our sales and **technical support** staff. Since each project can be unique, we accompany you at **every step** to answer the problems and needs you may encounter, before and after the purchase. Benefit from a **privileged customer-supplier relationship**, fast and invested in your projects.

» An unrivalled service 100% Made in France

Take advantage of our technical **know-how developed over 60 years** in customized projects thanks to our **internal design office**. The availability and reactivity of our teams ensure **short manufacturing lead times** and a **proximity service** relying on **local partnerships**.



A RECOGNISED BRAND THAT MAKES THE DIFFERENCE!

12,000+
flexible
water tanks
sold worldwide

Installations
**OVER 20
YEARS OLD**
still in use

**60
YEARS'**
experience
on this application

**Labaronne
citaf**
FLEXIBLE STORAGE





Drilling • 2 x 200 m³ • UKRAINE

Rainwater harvesting • 200 m³ • SPAIN

EQUIPMENT

Our equipment kits have been designed to **meet the needs** of our water tank range for **easier operation** of your water storage. Labaronne-Citaf also offers you a **guarantee** on all its self-supporting flexible tanks dedicated to water, whatever the volume.

All our tanks are supplied with a **repair kit** and a **detailed manual of instructions**.

Volume $\leq 25 \text{ m}^3$

STANDARD EQUIPMENT*

On the top

- 1 Degassing overflow DN50

On sides

- 2 Filling / Emptying DN50 with gate valve and connection DN50

Included

- 1 Repair kit



Expert Advice



Could a flexible tank alter the quality of the stored water?

The deterioration of the stored water quality over the long term or even under certain temperatures is a question our teams are most frequently asked.

Our fabrics meet the requirements of the REACH directive controlling the use of dangerous chemicals in products. Lab tests also certify that interactions between the fabric and the water stored in our tanks are insignificant. Our technical fabrics can also withstand temperatures ranging from -30 °C to +70 °C, without altering the quality of stored liquid. The liquid will remain at room temperature. However the tank can be covered to gain or lose a few degrees.

For projects located in very sunny geographical areas, our consultants are at your disposal to study the possibility of providing you with a lighter colored fabric.





Water from WWTP for irrigation • 3 x 1000 m³ • FRANCE

Volume $> 25 \text{ m}^3$ and $\leq 150 \text{ m}^3$

STANDARD EQUIPMENT*

On the top

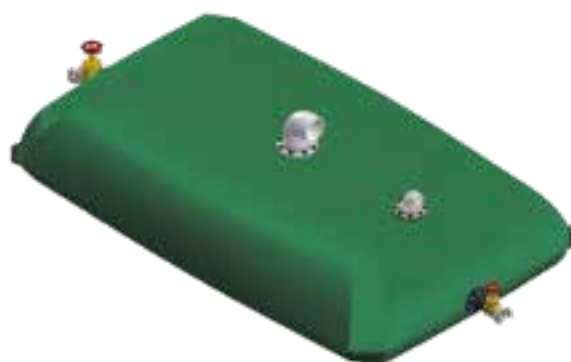
- 1 Degassing overflow DN100
- 1 Degassing overflow DN50

On sides

- 2 Filling / Emptying DN50 with gate valve and connection DN50

Included

- 1 Repair kit



Volume $> 150 \text{ m}^3$ and $\leq 500 \text{ m}^3$

STANDARD EQUIPMENT*

On the top

- 1 Degassing overflow DN100
- 1 Degassing overflow DN80

On sides

- 1 Filling / Emptying DN80 with gate valve and connection DN80
- 1 Filling / Emptying DN80 with gate valve, connection DN80 and polypropylene antivortex

Included

- 1 Repair kit



Volume $> 500 \text{ m}^3$ and $\leq 2,000 \text{ m}^3$

STANDARD EQUIPMENT*

On the top

- 3 Degassing overflows DN100

On sides

- 1 Filling / Emptying DN100 with gate valve and connection DN100
- 1 Filling / Emptying DN100 with gate valve and connection DN100 and polypropylene antivortex

Included

- 1 Repair kit



* Kits available with symmetrical, Storz or Camlock couplings.

OPTIONAL EQUIPMENT

Customize your tank according to your needs

Our standard equipment meets the majority of the needs expressed for more than 60 years by our customers.

But to improve the use of your tank, you have the possibility to complete or modify our standard : some exemple of what we can supply.

MANAGING YOUR INCOMING FLOW AND YOUR CONNECTIONS



Filling / Emptying DN50
Stainless steel valve 1/4 turn + coupling + plug



Symmetrical aluminum coupling* DN50
Available in DN80 and DN100



Symmetrical aluminum coupling* DN50 barbed
Available in DN80 and DN100



Polypropylene antivortex
Available in DN80 and DN100



Flexible hose DN50 with two aluminum symmetrical coupling* DN50 (8m) – Available in 25m



Flexible hose DN80 with two aluminum symmetrical coupling* DN80 (5m) – Available in 25m



Clamp 50/65 for DN50 hose



Stainless steel inspection hatch DN250 mm
Available in DN500 mm

MANAGING YOUR VOLUME



Flag level indicator on inspection hatch DN120



Automatic mechanical filling system DN50
on inspection hatch DN50 – stainless steel base

PROTECTING YOUR VALVES



Valve support



Insulating thermal valve protection

SMOOTH OUT THE SMALL VARIATIONS OF THE PLATFORM OVER TIME



Geotextile / Bidim



Ground sheet – Coated fabric 600g/m²

* Storz and camlock couplings are also available.

Do you have other questions about storing your water in a flexible tank?

Check our FAQs, available on our website by scanning this QR code:



Expert Advice

Can flexible tanks be used as a load test?

Devices and installations that carry heavy loads, lift loads or transport people to heights are susceptible to incidents or deterioration due to use, which must be monitored.

Today, calculation simulation files are available to verify that the maximum weight is still supported, but it is often necessary to perform additional tests in a real environment with load tests.

Flexible tanks can be used as ballast for your tests and/or load tests during installation or reinstallation, or during periodic verifications. Made to measure to match the dimensions and maximum load required, our flexible tanks can be equipped on request with straps, harnesses or lashing nets in order to guarantee the maintenance of the load.

Reusable, quick to install and fill, make your load tests easier to set up.



INSTALLATION

How can you be sure that your installation will be 100% compliant?



Pipe emptying • 1 x 700 m² • FRANCE

Our flexible tanks are very easy to install. They do not require any special maintenance or upkeep. In order to best support our customers, we offer a **“Turnkey” service** for the installation of our products.

Recommendations for installation

The platform

The installation of flexible tanks requires a perfectly **flat, horizontal, clean and stable surface**, without perforating elements, to the empty dimensions of the tank + 2.00 m in length and width. It must be able to support the weight of the full tank without collapsing (+/- 2.1 tonnes per m²), or eroding. Any **aboveground connection** to a flexible tank must be made by flexible piping (corrugated hose).

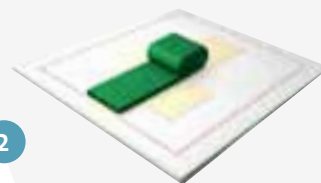
The maintenance-free protection

In addition to our flexible tanks, a **ground sheet** or a **weed protection sheet** can be installed to secure the surroundings of your tank and avoid maintenance incidents. *Specific documentation is available on request.*

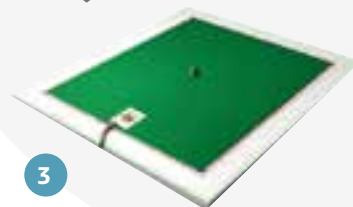
1



2



3



The external intervention service

Thanks to a dedicated team and qualified partners, our external intervention service comes into play to guarantee a **100% compliant installation**.

Calling on our outside intervention service is to ensure the overall management of your order and thus **guarantee** the **conformity and safety** of your installation.



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