

FLEXSOL

ECO-STORAGE
FOR LIFE

Instructions

Carefully read the instructions before using the tank.

Temperature of use is from -30°C to $+70^{\circ}\text{C}$. At temperatures below -8°C , flexible containers may only be used for storing liquids, but not for transportation. Installation of the tank should be carried out at above-zero temperature. Avoid the tank contact with abrasive substances and sharp objects that may damage its surface. (It is recommended to put an impervious PVC mat on the platform under the tank). When filling the tank, do not exceed the nominal volume. Any chemicals other than those that are stored in the tank should not be in contact with it.

Service and Installation

Transportation

When folded, the tank should be transported in a package (in a box on a pallet or in a shipping bag).

An empty tank may be carried manually, however it is forbidden to drag it along ground.

It is forbidden to move the tank while filled!

After delivery within 1 month (maximum!), you should start using the tank.

If there is no need for filling, the tank should be unfold on a horizontal surface to continue storing. Highly undesirable to store a folded tank for a long time.



Foundation preparation

The surface of the platform for placing the tank should be horizontal, without foreign objects that could damage it. A slope of up to 1% in the direction of the outlet (valve) is required. The dimensions of the foundation should be 0.5-1 meter larger than the tank itself.

It is necessary to:

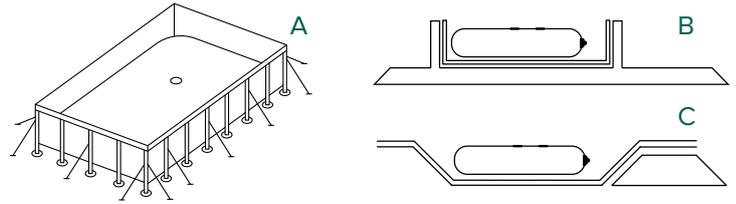
- | | |
|---|---|
| 1 | <i>Pour small gravel to 10-15 cm, prepare a firm ground.</i> |
| 2 | <i>Make a slope of 1% with the help of 10-15 cm of scalplings</i> |
| 3 | <i>Cover the bottom of the banking/ platform for the tank with a PVC mat.</i> |



Framing

To keep the tank and the substance stored inside safe from intentional mechanical damage, as well as to restrict access for strangers, frame the tank with the containment on low wall (B), metal –framed basin (A) or banking (C).

During precipitations, the liquid will be accumulated around the tank. It is necessary to clean it on time!



Tank Installation

- 1 *Take the tank of the packaging and place it at the center of the top of platform, using straps.*
- 2 *First, unfold the tank in the longitudinal direction, then in the transverse direction.*
- 3 *Smooth the surface of the tank, smooth out the folds and bends.*
- 4 *In order to avoid damage during transportation, large tanks are delivered with accessories uninstalled. Before filling the tank with the liquid, it is necessary to install them.*



Filling with the liquid

- 1 *It is necessary to inspect the tank for damages before filling.*
- 2 *Connect all valves.*
- 3 *Connect the filling hose (optional), fix it.*
- 4 *Open the valve and start the filling. Never exceed the maximum permitted filling level of the tank.*
- 5 *After reaching the required liquid level, stop the filling and close the valve.*
- 6 *As required, you may disconnect the hose.*



Dumping liquid

Connect the filling hose (optional) to the connecting element.
Open the valve.

As the liquid flows out, the tank will get empty. In order to dump the liquid fully and quickly use a motor-pump.

After emptying the tank, you should either continue to use it or clean it and prepare it for further storage.

Tank maintenance and storage

STORAGE OF THE FILLED TANK

To ensure long life of the tank, it is recommended to store it filled at min 10% -20% of its volume capacity.

STORAGE CONDITIONS

Inspection and deratization over the tank should be carried out every year. Clean the tank from snow and dirt in due time.

STORAGE WHEN FOLDED

If there is no possibility to store the tank filled, you may store it folded.

Properly prepare the container for storage performing the following steps:

- 1 Fully empty the tank.
- 2 Clean the tank by washing it inside and outside with a solution of soapy water. NEVER use aggressive detergents or corrosive products.
- 3 Dry it with an industrial dryer.

STORAGE CONDITIONS

- 1 Keep the tank away from direct sunrays.
- 2 Temperature resistance range is from + 5 °C to + 30 °C and air humidity is from 40% to 70%.
- 3 Away from potential sources of danger (corrosive substances and vapors, chemicals, solvents, moisture, rodents, etc.).
- 4 The full inspection of the tank should be held each year (visual inspection and monitoring of tightness and seam continuity, the absence of punctures, cuts, abrasive processes, moldiness, etc.)

*OPTIONAL SUPPLY:

Mat under the tank

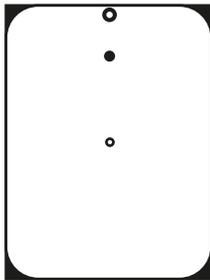
Case / Bag

Straps for fastening.
Connecting elements.

Hoses. Motor pump. Liquid sensor

Folding down the tank

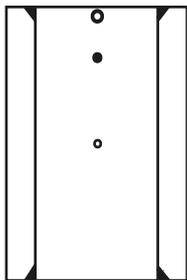
Before folding the tank with a capacity of 100 m³, or with a complete set of accessories of 2" and more, the accessories must be dismantled.



1

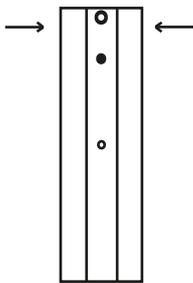
Fully flatten the tank.

Additionally protect all the protruding parts of the tank (plugs, etc.) with a bubble wrap for example, so that they cannot damage the surface of the container when folding it.



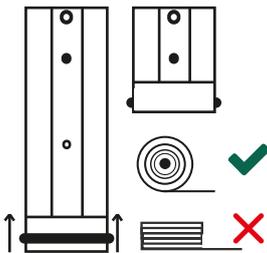
2

Fold the tank widthwise on one side and the other side towards the center.



3

Continue folding it this way, forming the layers. Stick to the same fold size.
Fold it until the folded part is 50-100 mm smaller than the size of the tank case. For example, with a 900mm of the case width, the size of the folded tank should be 800-850mm.



4

Fold the tank along the length in the same way as the width folding it to the middle. Then roll the tank on the tube in the direction of the drain.



5

Long time storage of the folded tank is prohibited. Do not put pressure on the tank with heavy objects.

Warranty and benefits

The Flexsol company declares the claimed quality of its products with a warranty and a product passport, and confirms the production technology on HFC equipment with the certificate ISO 9001: 2009.

Only European-made technical textiles and global brands accessories are used for the flexible tanks production. The density of the material (930 - 1400 g / m²) depends on the volume of the product (1 - 500 m³).



Technical characteristics of materials used in production have high tensile strength, protection from UV radiation, and durable base weaving. Unfortunately, the fabric is more vulnerable to mechanical damage. For example, using a sharp object for a powerful blow it is extremely difficult, but still possible to damage the tank. In order to eliminate a pinpoint damage to the tank, do an emergency repair using Flexsol repair kit

Emergency repair

Step 1



Designate the perimeter for patch using the adhesive tape and degrease the surface. If necessary, abrade the perimeter of damage with a sandpaper.

Step 2



Apply glue to the place for patch with a brush. Let it dry for 10-15 minutes.

Step 3



Degrease the patch and apply glue according to the same principle. Let it dry for 10-15 minutes

Step 4



Heat the surfaces treated with glue using a dryer (industrial or household) until the glue starts to bubble

Step 5



Treat the surface of the patch in the same way.

Step 6



Gently stick the patch to the place of damage.

Step 7



Carefully walk over the entire contact surface with the roller, especially over the joints.

Step 8



The repair is completed; the tank is ready for use.

Technical control

It should be carried out once a year regardless of the frequency of the tank use.

Date	Control	Note

T +380 056 766 0797
F +380 044 501 1975
W flexsoltank.com

Dnipro, Ukraine, 49000
1a D. Yavornitskogo ave.,
office 505