

# ECOTANK®

## The multifunctional flexible tank



PRODUCTION MADE IN ITALY

Economic, ecological and easy-to-install  
system for the collection and storage  
of water and other liquids

EcoTank is a registered  
trademark distributed by

**new plast**

26010 Pozzaglio (CR) Italy

info@cisternemorbide.it  
www.cisternemorbide.it

EcoTank self-supporting flexible tanks are **economic, ecological and easy-to-install systems** designed to collect and store water and other liquids for many different uses.

The flexible tank is also the ideal product for those who are sensitive to ecology and environmental protection, as well as for those on a budget.

Our tanks **don't need any permit nor building licenses** to be installed. In addition, they **don't need any maintenance** over time, since they are made of materials that withstand extreme weather conditions. **Just make sure that the operating pressure inside the tank does not exceed 0.5 Bar.**

EcoTank flexible tanks are all made in Italy, through a production system patented by the Company, using high-tenacity polyester fabrics of European origin only, coated with PVC on both sides and provided with an anti-UV treatment. In the event of temporary usage, **they are collapsible and can be stored where space is limited.**

They come in various sizes and capacities and, on specific request, **they can hold up to 500 m³.**

According to the need and the usage, EcoTank tanks can be fitted with different types of valves, pipes, hydraulic gate valves, vents and drains. Various colours are available depending on specific usage.

## Why choose ECOTANK®

- Cost-effective solution compared to other storage methods
- No need of permits nor building licenses
- Fast and easy installation
- No maintenance costs over time
- High-mechanical strength
- No contamination nor evaporation
- Resistant to extreme temperatures: from -30°C to +70°C
- Patented production system
- Certified raw materials of European origin
- PVC-coated polyester fabric provided with anti-UV treatment
- High-frequency welding of joints with double reinforcement, internally and externally, to guarantee maximum tightness
- Made-in-Italy production by ISO 9001 certified company
- Collapsible, resulting in saving on transportation costs and storage space
- Capacity up to 500 m³
- Possibility to connect several tanks into a single battery for higher storage capacity
- Customization on request (capacity, size, colour and fittings)
- 10-year warranty on the tank and 2 year-warranty on the fittings

- ✓ Production made in Italy
- ✓ ISO 9001 certified company
- ✓ Patented production system



- ✓ Custom-made products
- ✓ Express delivery in 7 days
- ✓ Warranty on the product



## Our commitment to environmental protection

Our company's production plants do not generate any emissions, neither into the air nor on the ground, during the production of the tanks, resulting in a lower environmental impact.

Corporate activities are located in a single production site, to optimize the emissions from the handling and logistics of raw materials and products

**All the materials used are fully recyclable, if they are properly and responsibly disposed of.**

Attentive selection of local suppliers in order to minimise emissions from transport.



ecofriendly

## Main uses of ECOTANK®

- ✓ Storage of water for agricultural, industrial and civil use
- ✓ Collection of rainwater for irrigation of farmlands, terraces and gardens
- ✓ Conservation of well water or spring water
- ✓ Distribution of drinking and non-drinking water for home and industrial use
- ✓ Water reserves to feed fire-prevention systems (made with fireproof materials)
- ✓ Wastewater treatment plants and drainage systems
- ✓ Recovery of spills of oily liquids or liquids containing hydrocarbons at ports and at the sea
- ✓ Collection of leachate and other liquid waste from landfills
- ✓ Static load tests on floors and other load-bearing structures
- ✓ Load tests for watercrafts at the shipyard or at sea
- ✓ Storage of liquids from industrial and agricultural processes (oils, agricultural effluents, livestock manure, organic liquids and fertilization liquids)
- ✓ Storage of liquid food (oil, wine, etc.)
- ✓ Filling and emptying of swimming pools for maintenance operations



**A flexible and collapsible tank can fit into small-sized packaging, with a big saving in terms of logistical and transport costs.**



**PRODUCTION  
MADE IN ITALY**

## Capacities and standard sizes

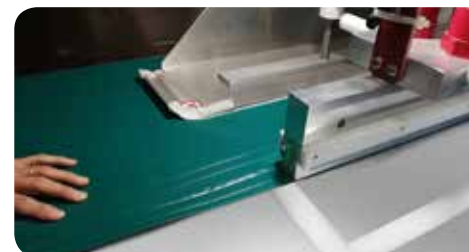
REF.	CAPACITY L	LENGTH m	WIDTH m	HEIGHT m	WEIGHT * Kg	PACKAGING SIZE cm
0489	500	1,50	1,48	0,40	5	75 x 40 x 30
0490	1.000	2,50	1,48	0,50	8	
0590	1.500	1,50	2,96	0,60	10	
0491	2.000	2,30	2,96	0,60	14	
0492	3.000	2,50	2,96	0,70	16	
0493	4.000	3,30	2,96	0,70	20	
0494	5.000	3,50	2,96	0,80	22	
0591	6.000	4,00	2,96	0,80	24	
0495	8.000	4,80	2,96	0,80	30	80 x 40 x 50
0496	10.000	5,90	2,96	1,00	35	
0592	12.000	6,80	2,96	1,00	42	
0593	15.000	4,90	4,44	1,10	45	
0497	20.000	6,00	4,44	1,20	55	
0594	25.000	7,00	4,44	1,20	65	140 x 50 x 50
0595	30.000	8,00	4,44	1,20	75	
0596	35.000	7,20	5,92	1,30	85	
0597	45.000	8,60	5,92	1,40	115	
0598	50.000	9,40	5,92	1,40	125	
0599	60.000	10,50	5,92	1,50	140	
0562	70.000	9,10	7,40	1,50	150	
0563	80.000	10,25	7,40	1,50	170	150 x 110 x 50
0560	100.000	9,67	8,88	1,60	190	
0564	120.000	11,70	8,88	1,60	230	
0565	150.000	14,80	8,88	1,50	295	
0600	200.000	16,40	10,36	1,50	380	
0610	300.000	20,80	11,84	1,50	550	
0615	350.000	21,20	13,32	1,50	625	
0625	400.000	22,15	14,80	1,50	725	
0710	500.000	22,15	19,24	1,50	940	

**\* The weights of (empty) tanks shown in the table are approximate. They depend on the type of fittings provided and materials used for production**

## Technical specifications of fabrics and certifications

Fabric	100% PES 1100 dtex	EN ISO 2060
Coating	PVC	
Weight	900 g/m <sup>2</sup> - 1300 g/m <sup>2</sup>	EN ISO 2286 - 2
Varnishing	1/1	
Breaking strength	warp 3000 N/50 mm	EN ISO 1421/V1
	weft 3000 N/50 mm	
Tearing strength	warp 300 N	DIN 53363
	weft 300 N	
Adhesion	25 n/cm	
Operating temperature	-30°C / + 70°C	DIN EN 1876-1
Flammability	< 100 mm/min.	ISO 3795

*Details of the production of tanks (automatic cutting and welding with double reinforcement)*



**PRODUCTION  
MADE IN ITALY**

## Standard and optional fittings



**Standard fittings**

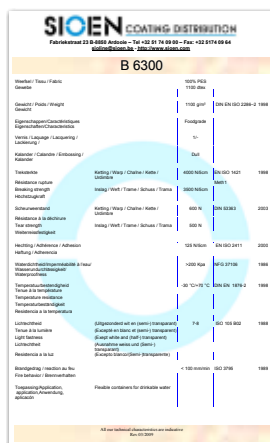
The standard equipment includes: two pre-assembled vents and two ball valves for filling-emptying, either 1" or 1" ½ depending on the model, and one safety relief valve for venting. Two hose shanks are also available for 32/38 mm hoses and two adapters for 50 mm hoses.

**Upon request, the tanks can be provided with valves, fittings and drain plugs with different sizes and flow capacity (2", 3" or 4"), according to customer's need.**

**Optional fittings**



**Our Technical Department is at your service to customize the tanks on the basis of specific requests, such as sizes, contained liquid and setup**



## Available colours

**Certified raw materials of European origin  
PVC-coated polyester fabrics provided with anti-UV  
treatment**

**Resistance to extreme temperatures from  
-30°C to +70°C**



The colour tones of the fabrics are indicative



## Examples of the use of ECOTANK®

Use in industrial and civil sectors, and in the construction sites: storage and distribution of water for the production of concrete, recovery of liquids from excavations and static load tests. Ideally suited to be used in the construction sites and during the implementation phases of major public works



Use in the agricultural sector: collection and storage of well water, spring water or rainwater for livestock farming and irrigation of lands and cultivations of various kinds



Temporary storage of liquid food (oil, wine, etc.) from agricultural and industrial production





Recovery and storage of water, whether rainwater or not, for the irrigation of farmlands, cultivations and gardens



capacity 50.000 l

Storage of animal manure, organic liquids and oils from industrial and agricultural processes



capacity 70.000 l

Water reserves to feed fire-prevention systems (made with fireproof materials)



capacity 2 x 100.000 l + 50.000 l

Specific tanks for static load tests, tests on floors, terraces and load-bearing structures



capacity 20.000 l

Temporary storage tanks for wastewater and leachate treatment plants



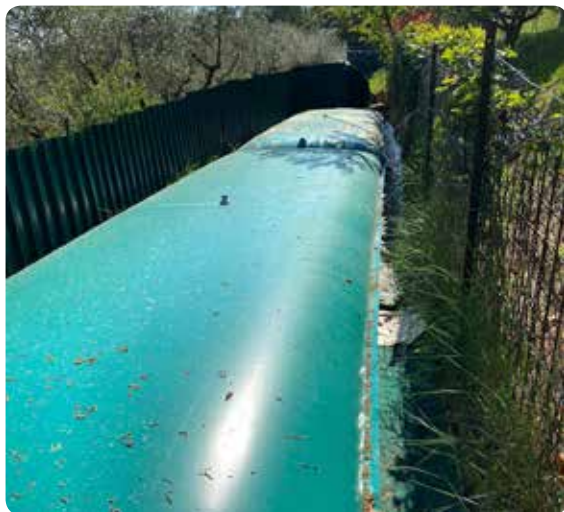
capacity 50.000 l

Professional use for maintenance and temporary emptying of swimming pools



capacity 2 x 20.000 l





Production of customized tanks of any size to optimize storage capacity on the basis of the available area (for example, irrigation of cultivation in terraces)

Easy to install and adaptable to any type and conformation of land



Possibility of continuous storage, even in extreme weather conditions

The materials are certified for use at temperatures ranging from  $-30^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$



Production of open-top pools and tanks, both self-supporting and with tubular structure, of various sizes and capacities, for the storage of liquids and load tests



Pools with an interlocking, modular and tubular structure



Flexible self-supporting tank



PRODUCTION  
MADE IN ITALY

Possibility to offer other technical products on specific order of each single customer

Get in contact with our Technical Department to receive further information



[info@cisternemorbide.it](mailto:info@cisternemorbide.it)  
[www.cisternemorbide.it](http://www.cisternemorbide.it)

**ECOTANK®**