



## Polyethylene water tanks

Polyethylene tanks suitable to store drinking water for civil purposes, to be used as water reserves for industrial and fire prevention purposes and to collect rain water or wastewater.



### Description

Our drinking water high density polyethylene tanks are designed and manufactured to store foodstuffs, drinking water and to collect rain water or waste water. Made in linear polyethylene which is a non-toxic material, they are manufactured according to the regulation and directives in force. Rotational moulding process and the use of specific high density linear polyethylene ensure excellent impact strength, resistance against chemical agents, temperature changes, adverse weather conditions and UV rays. These tanks are not transparent and this fact prevents the exposure of stored liquid to sunlight minimizing the growth of algae.

### Main features

- Very durable, light and easy to handle,
- Manufactured using superior, computerised techniques; this ensures our tanks are produced to the highest standards.
- Thanks to their monolithic structure and homogeneous wall thickness, they are free from any critical point assuring a premium quality
- They can be easily washed by means of traditional detergents thanks to their perfectly smooth inner surface.
- All tanks are supplied with top screwed lid
- Many accessories and fitting to suit client's individual requirements.

## Accessories

Manhole extensions ( diameter cm 47, height cm 40)  
 Manhole extensions ( diameter cm 47, height cm 34)  
 Manhole extensions ( diameter cm 68, height cm 42)  
 Connection in PE 100 PN 16 with flange DN 63 on flat surface  
 Connection in PE 100 PN 16 with flange DN 90 on flat surface  
 Connection in PE 100 PN 16 with flange DN 110 on flat surface  
 Connection in PE 100 PN 16 with flange DN 63 on not flat surface  
 Connection in PE 100 PN 16 with flange DN 90 on not flat surface  
 Connection in PE 100 PN 16 with flange DN 110 on not flat surface  
 Pipe in PE 100 PN 16 DN 63 on flat surface  
 Pipe in PE 100 PN 16 DN 90 on flat surface  
 Pipe in PE 100 PN 16 DN 110 on flat surface  
 Pipe in PE 100 PN 16 DN 125 on flat surface  
 Pipe in PE 100 PN 16 DN 160 on flat surface  
 Pipe in PE 100 PN 16 DN 200 on flat surface  
 Pipe in PE 100 PN 16 DN 63 on not flat surface  
 Pipe in PE 100 PN 16 DN 90 on not flat surface  
 Pipe in PE 100 PN 16 DN 110 on not flat surface  
 Pipe in PE 100 PN 16 DN 125 on not flat surface  
 Pipe in PE 100 PN 16 DN 160 on not flat surface  
 Pipe in PE 100 PN 16 DN 200 on not flat surface  
 PE 100 connecting joint 2"

## Technical data



### Vertical tanks

Model	Nominal capacity (lt)	Highness (mm)	Diameter (mm)	Ø Manhole cover (mm)	Drain (in)	Emptying (in)	Too full	Vfiato
PLTVRT100	100	670	480	320	1 1/4"	1"	1"	Labyrinth Valve 1"
PLTVRT200	200	850	600	320	1 1/4"	1"	1"	Labyrinth Valve 1"
PLTVRT300	300	970	700	320	1 1/4"	1"	1"	Labyrinth Valve 1"
PLTVRT1000	950	1,980	810	320	1 1/4"			Labyrinth Valve 1"
PLTVRT2000	2,000	1,820	1,270	420	1 1/4"	1"	1"	Labyrinth Valve 1"
PLTVRT3000	3,000	2,020	1,470	420				Labyrinth Valve 1"
PLTVRT4000	4,000	2,060	1,690	420				Labyrinth Valve 1"
PLTVRT5000	5,000	1,890	2,030	420				Labyrinth Valve 1"
PLTVRT10000	10,000	2,600	2,380	550				Labyrinth Valve 1"
PLTVRT16000	15,400	3,770	2,380	550				Labyrinth Valve 1"



### Horizontal tanks

Model	Nominal capacity (lt)	Width (mm)	Depth (mm)	Highness (mm)	Ø Manhole cover (mm)	Drain (in)	Emptying (in)	Too full	Vfiato
PLTORZ300	290	730	820	820	320	1 1/4"	1 1/4"	1"	Labyrinth Valve 1"
PLTORZ7500	7,150	1,890	3,180	2,170	550				2" breather fittings (male)
PLTORZ10000	10,400	2,250	3,100	2,550	550				2" breather fittings (male)



## Horizontal tanks

Model	Nominal capacity (lt)	Width (mm)	Depth (mm)	Highness (mm)	Ø Manhole cover (mm)	Drain (in)	Emptying (in)	Too full	Vfiato
PLTORZ2000L	2,000	1,300	1,700	1,380	400	1"	1"	1"	
PLTORZ3000L	3,000	1,450	2,000	1,530	400	1"	1"	1"	
PLTORZ5000L	5,000	1,700	2,470	1,780	400	1"	1"	1"	



## Horizontal snake tanks

Model	Nominal capacity (lt)	Highness (mm)	Depth (mm)	Diameter (mm)	Ø Manhole cover (mm)	No. of feet	Vfiato
PLTNAKE10000	10,000	2,550	2,750	2,380	550	4	2" PE box connection (male)
PLTNAKE15000	15,000	2,550	3,940	2,380	550	4	2" PE box connection (male)
PLTNAKE20000	20,000	2,550	5,100	2,380	550	4	2" PE box connection (male)
PLTNAKE25000	25,000	2,550	6,300	2,380	550	6	2" PE box connection (male)
PLTNAKE30000	30,000	2,550	7,460	2,380	550	6	2" PE box connection (male)
PLTNAKE40000	40,000	2,550	9,820	2,380	550	8	2" PE box connection (male)
PLTNAKE50000	50,000	2,550	12,180	2,380	550	10	2" PE box connection (male)



## Horizontal panettone tanks

Model	Nominal capacity (lt)	Highness (mm)	Diameter (mm)	Ø Manhole cover (mm)	Drain (in)	Emptying (in)	Too full	Vfiato
PLTPAN300	310	700	900	220	1 1/4"	1"	1"	Labyrinth Valve 1"
PLTPAN2000	2,050	1,390	1,570	420	1 1/4"	1"	1"	Labyrinth Valve 1"
PLTPAN3000	3,050	1,280	1,940	420				Labyrinth Valve 1"
PLTPAN5000	4,950	1,420	2,380	420				Labyrinth Valve 1"
PLTPAN7500	7,550	1,980	2,380	420				Labyrinth Valve 1"



## Garden tanks

Model	Nominal capacity (lt)	Highness (mm)	Diameter (mm)	Ø Manhole cover (mm)	Cargo (in)	Drain (in)	Emptying (in)	Too full
PLTORCIO200	200	850	730	370	3/4"	1 1/4"	1"	1"
PLTORCIO300	300	960	830	370	3/4"	1 1/4"	1"	1"
PLTORCIO500	500	1110	980	450	3/4"	1 1/4"	1"	1"
PLTORCIO1000	960	1,400	1,160	450	3/4"	1 1/4"	1"	1"



## Horizontal underground tanks, small capacities

Model	Nominal capacity (lt)	Width (mm)	Depth (mm)	Highness (mm)	Ø Manhole cover (mm)	Vfiato
PLTINT2000DS	1,950	1,360	1,550	1,440	320	2" breather fittings (male)



## Medium capacity horizontal underground tanks

Model	Nominal capacity (lt)	Width (mm)	Depth (mm)	Highness (mm)	Ø Manhole cover (mm)	Vfiato
PLTINT5000DS	4,800	1,750	2,350	2,200	550	2" breather fittings (male)
PLTINT10000DS	9,200	2,290	2,700	2,750	550	2" breather fittings (male)



## Large capacity horizontal underground tanks

Model	Nominal capacity (lt)	Depth (mm)	Highness (mm)	Diameter (mm)	Vfiato
PLTLOMB10000DS	10,000	2,750	2,550	2,380	2" PE box connection (male)
PLTLOMB15000DS	15,000	3,900	2,550	2,380	2" PE box connection (male)
PLTLOMB20000DS	20,000	5,080	2,550	2,380	2" PE box connection (male)
PLTLOMB25000DS	25,000	6,270	2,550	2,380	2" PE box connection (male)
PLTLOMB30000DS	30,000	7,430	2,550	2,380	2" PE box connection (male)
PLTLOMB35000DS	35,000	8,620	2,550	2,380	2" PE box connection (male)
PLTLOMB40000DS	40,000	9,790	2,550	2,380	2" PE box connection (male)
PLTLOMB45000DS	45,000	10,980	2,550	2,380	2" PE box connection (male)
PLTLOMB50000DS	50,000	12,150	2,550	2,380	2" PE box connection (male)
PLTLOMB55000DS	55,000	13,340	2,550	2,380	2" PE box connection (male)
PLTLOMB60000DS	60,000	14,500	2,550	2,380	2" PE box connection (male)