

Drinking Water Pillow Tank

The Drinking Water Pillow Tanks flexible storage systems engineered for the safe and mobile storage of potable water in demanding environments. Manufactured from advanced thermoplastic polyurethane (TPU) fabric with extremely low particle migration, these tanks ensure hygienic water storage without affecting taste, odour or chemical composition.

Designed for rapid deployment, the tanks enable efficient water storage and distribution wherever permanent infrastructure is unavailable. Their lightweight and foldable construction allows for easy transport and installation by a single operator, making them particularly suitable for emergency response, field operations, construction sites and outdoor events.

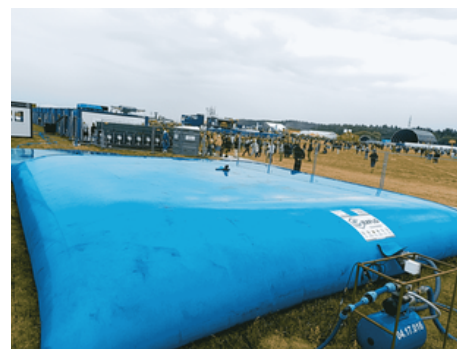
The multi-layer TPU construction provides high durability, resistance to environmental conditions, and long service life. High-frequency (HF) welding technology ensures strong and reliable seams in critical areas, supporting safe operation over extended use.

KEY FEATURES

- **Certified for potable water use** with PZH approval and compliance with BS 6920 and WRAS standards
- **TPU material with very low particle migration** ensuring no impact on taste odour or chemical composition of water
- **Free from BPA and phthalates** ensuring safe contact with drinking water
- Capacity range from 500 L up to 200000 L
- **Lightweight construction** with models up to 5000 L weighing below 35 kg enabling single person handling
- Rapid installation completed within minutes without the need for specialised tools
- **High frequency welded** seams ensuring durable and reliable connections in critical areas
- **Resistant to low temperatures** down to minus 60°C
- **Suitable for use on flat surfaces** such as grass concrete slabs or sand without permanent installation
- **Equipped with inspection opening vent** with overflow protection and filling and discharge connections
- Available in **custom sizes** according to user requirements
- Covered by a **5 year manufacturer warranty**

PRIMARY APPLICATIONS

Emergency water supply • Civil protection and crisis management • Construction sites • Field camps • Outdoor events • Backup water storage for households and industry



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TECHNICAL DATA

Specification	Value
Product Type	Flexible pillow tank for drinking water
Model	Waterbase D Plus (TPU)
Material	Multi-layer TPU (thermoplastic polyurethane) fabric
Capacity Range	500 L – 200,000 L
Weight (≤ 5,000 L models)	< 35 kg
Temperature Resistance	Down to -60°C
Installation Surface	Flat and level (grass, concrete slabs, sand base)
Connection Type	External threaded connection 2" BSP (standard models)
Service Access	Inspection opening Ø 10 cm with cap
Venting System	Air vent with anti-overflow function
Manufacturing Technology	High-frequency (HF) welding
Mobility	Foldable, transportable in passenger vehicle (smaller models)
Customisation	Available on request
Warranty	5 years
Country of Origin	Poland

COMPLIANCE & CERTIFICATION

- PZH certification (Polish National Institute of Public Health)
- BS 6920 compliance (materials in contact with potable water)
- WRAS certification (Water Regulations Advisory Scheme)
- BPA-free materials
- Phthalate-free materials

PRODUCT-MARKET INSIGHT

The Waterbase D Plus (TPU) tanks represent a highly reliable and compliant solution for potable water logistics in both civil protection and commercial sectors. Their combination of certified hygiene standards, mobility, and structural durability positions them as a preferred choice for emergency preparedness and decentralised water supply systems.