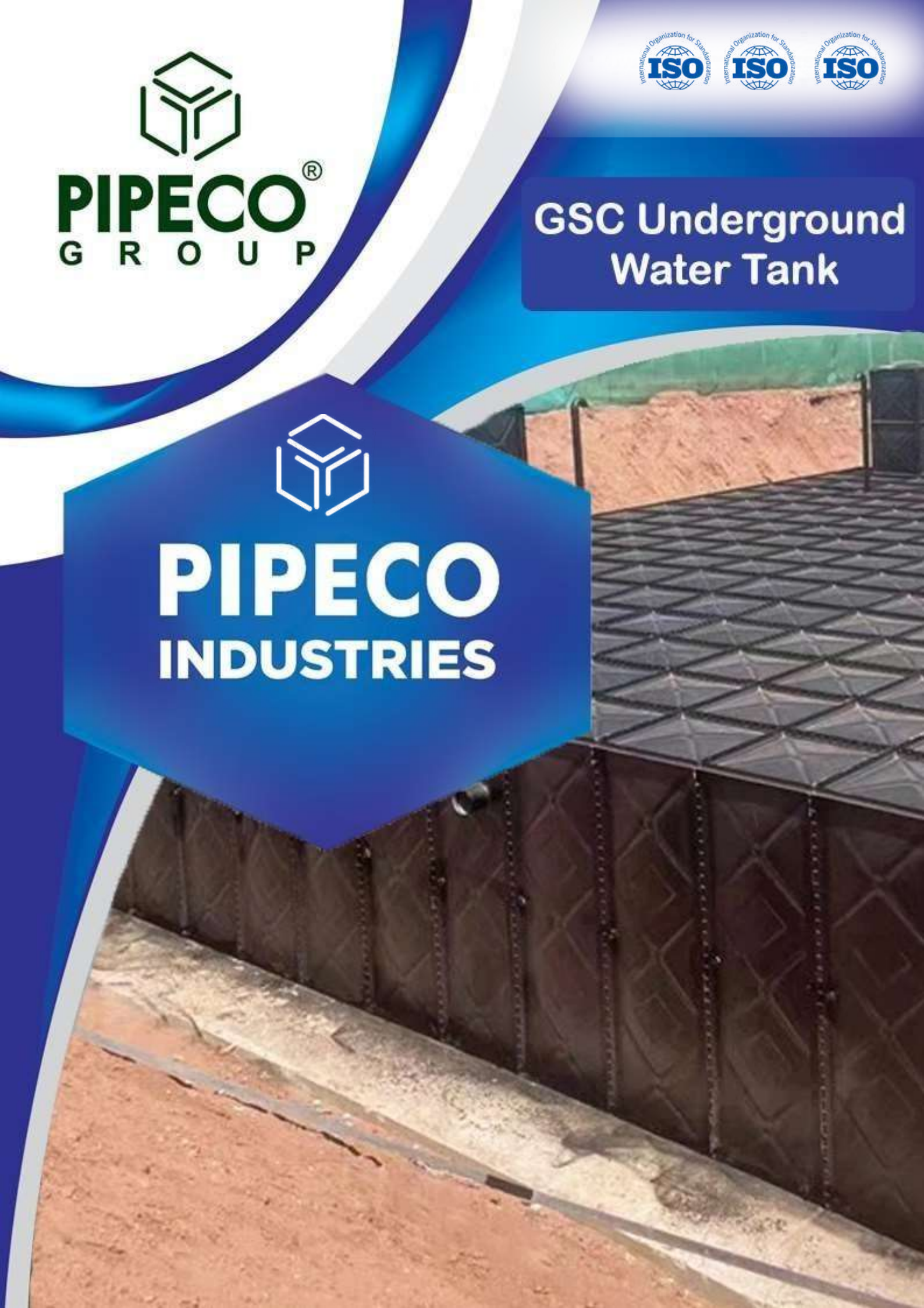




GSC Underground Water Tank



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GSC Underground Water Tank

GSC Underground Water Tank, as an efficient rainwater storage device, is widely used in many fields such as rainwater collection, landscaping, sprinkler irrigation system and industrial production. With its huge volume and excellent durability, it has become a beautiful landscape in modern urban water conservancy construction. As an outstanding representative of environmentally friendly Water conservancy projects, GSC Underground Water Tank not only has extremely low operating cost, but also can effectively solve the problems of urban waterlogging and rainwater storage, thus adding a natural green color to the city.

Product Description

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Product Pictures



Product Characteristics

GSC Underground Water Tank has the following features:

- 1. Corrosion Resistance:** GSC Underground Water Tank is made of glass fiber reinforced plastic, which has excellent corrosion resistance and can be used in harsh environmental conditions for a long time without being easily affected by corrosion.
- 2. Light Weight & High Strength:** FRP material has the characteristics of light weight and high strength, so the weight of the buried water tank is relatively light, easy to install, and has good structural strength and pressure resistance.
- 3. Large Volume & Customizable Design:** The design structure of GSC Underground Water Tank can be customized according to needs, and can be manufactured into storage tanks with different capacities and sizes to meet the water needs of different places.
- 4. Environmental Protection & Energy Saving:** The manufacturing process does not contain toxic substances, safe and environmental protection. At the same time, due to its good sealing and thermal insulation performance, it can effectively reduce the evaporation loss of water and save water resources.
- 5. Wide Applicability:** GSC Underground Water Tank is suitable for various environments and uses, including urban construction, agricultural irrigation, industrial production and other fields, with strong versatility and applicability.
- 6. Good Sealing Performance:** GSC Underground Water Tank is made of special technology and has good sealing property, which can effectively prevent water leakage and intrusion of external pollutants.
- 7. Anti-Aging & Long Service Life:** FRP material has good anti-aging properties, not easily affected by ultraviolet light, oxidation and other factors, long service life, low maintenance costs.

To sum up, GSC Underground Water Tank is an ideal water resources storage and management equipment with the characteristics of corrosion resistance, light weight and high strength, good sealing, aging resistance, large volume, environmental protection and energy saving.

Product Specification Parameter



Product name	GSC Underground Water Tank	Product material	304 stainless steel/galvanized steel plate	Use	Water storage and insulation
Product model	Support customization	Product highlights	Corrosion-resistant, no space occupied	Operating temperature	35

°C

01 Internal structure
Different uses of water supply, reinforcement and support materials are also different, respectively stainless steel and galvanized material.

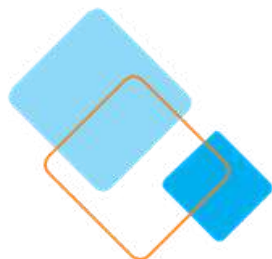


02 Quality selection
The water tank is composed of a module formed by a one-time stamping and drawing of a bimetal composite plate





03 Pump house location
The underground water tank pump room is divided into side pump room and top pump room. The top pump house is exposed to the ground. The side pump house is buried with the water tank.



Application Scenario

Application Environment



Underground Garage



High-Rise Building



Commercial Square



Industrial Building



Hotel Restaurant



Industrial Production

Tank Height (film)	Thickness of each panel					Roof
	Bottom	1st layer	2nd layer	3rd layer	4th layer	
1000	3mm	3mm	/	/	/	2mm
1500	3mm	3mm	3mm	/	/	
2000	3mm	3mm	3mm	/	/	
2500	4mm	4mm	3mm	3mm		
3000	4mm	4mm	3mm	3mm	/	
3500	4mm	4mm	3mm	3mm	2mm	
4000	4.5mm	4.5mm	4mm	3mm	2mm	

The Standard tolerance of thickness is 0.25mm for example the actual thickness of 3mm is 2.75mm. If it used for underground, please seek advice from sales consultant.

•PHYSICAL PROPERTIES

Physical properties	Standard requirement	Result
Tensile strength	≥350 MPa	405 MPa
Yield strength	≥220 MPa	296 MPa
Elongation	≥23 %	24%



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