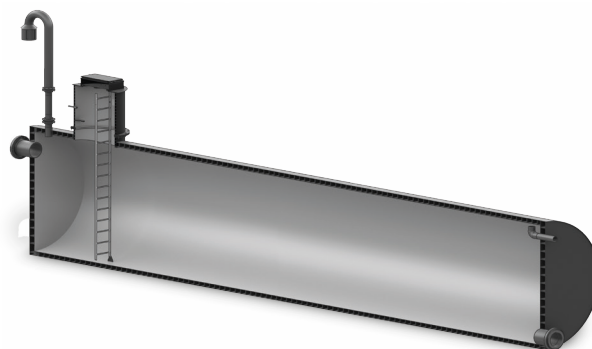


Fact Sheet Flowise Reservoir Tank

Reliable drinking water reserve

A key element of drinking water supply security

A reservoir tank is used to store drinking water both at the water works and out on the mains ensuring a stable pressure level at the consumers' locations. The design and the components are customizable. The reservoir tank can house a technical room containing a pressure boosting station, for example. A reservoir tank placed in a low zone requires a pressure boosting station to ensure that the water is transported in the pipe network. A reservoir tank placed in a high zone enables the water to be transported using the difference in the water pressure from the reservoir and the consumer.



Up to 50 % faster installation*

Prefabricated, weld-ready design cuts site time, labor and disruption.



Up to 90% less transport & CO₂

Lightweight HDPE means fewer trucks, lower emissions, and easier logistics.



100-year design lifetime

Corrosion-proof HDPE delivers 2x the service life of concrete.



Up to 75 % lower maintenance costs

No relining, no corrosion, minimal inspections—maintenance made simple.



Fully watertight and hygienically safe

Double-wall design and welded joints—tested airtight, zero leakage risk.

Technical data

Application	Potable Water System
Material	PE 100
Color	Black (outside), white (inside)
Medium	Water
Temperature ambient	- 40 °C to 50 °C
Temperature material	0 °C to 40 °C
Riser top type	Insulated lockable cover
Ring stiffness	SN2, SN4, SN8 or by agreement
Tank length (L)	Customizable
Tank height, tank bottom to riser top (H)	Customizable
Tank height, inlet pipe to riser top (h1)	Customizable
Tank height, outlet pipe to riser top (h2)	Customizable
Tank inner diameter (ID)	Customizable
Riser width (ID2)	Customizable

Approvals

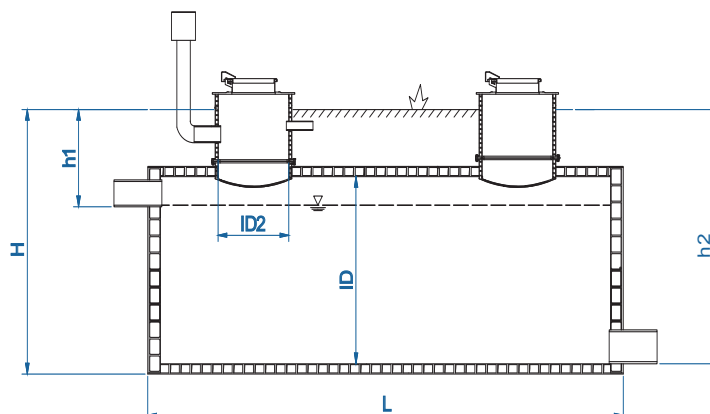
National Attestation of Conformity of the Hygienic Suitability of Drinking Water (DVGW-Konformitätsbestätigung Hygiene)

Standards

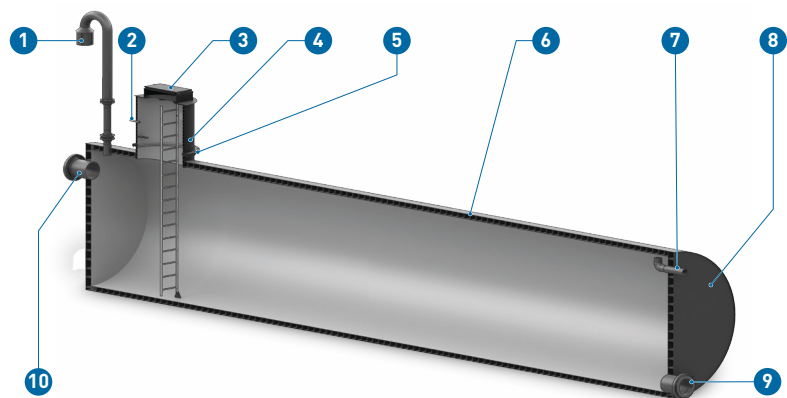
EN 13598, EN 13476 (tanks/chambers),
EN 1074 (valves),
EN 12201 (piping),
EN 1092 (flanges)

Local regulations

- Germany: DVGW Codes of Practice
- Scandinavia: Nordic Poly Mark (up to ID 3000)



Components



Pos.	Designation	Pos.	Description
1	Ventilation pipe	6	Tank body
2	Cable passing	7	Overflow
3	Insulated lockable cover	8	WehoPanel enclosure
4	Riser	9	Outlet pipe
5	Riser bolted connection	10	Inlet pipe

Customizable components

- Tank inner diameter, length and volume
- Ventilation pipe
- Cable passing
- Riser height

Tank dimension													
ID [mm]	1000	1200	1400	1500	1600	1800	2000	2200	2400	2500	3000	3400	3500

Optional components

- Level indication
- Ladder
- Handrail
- Overflow
- Ventilation
- Technical room

Item number

Item no.	Description
35001140527	Reservoir tank



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