

Reliable GRP pipe systems
for potable water supply
A clever way to safely transport drinking water

Amiblu GRP pipe systems engineered for the next generations

Hobas and Flowtite glassfiber reinforced plastic (GRP) pipe systems by Amiblu are the product of over six decades of innovation, experience and development. We are the largest producer and technology partner for GRP pipes in the world. Because of our composite engineering and material science skills, we offer a product with an expected service life of many generations.



Our promise: an innovative system solution with low life-cycle cost

The constant worldwide urbanization is challenging potable water networks: water sources become less available, more subject to contamination, and they require more costly energy to be transported to users. However, the availability and safe supply of sufficient high-quality drinking water is essential for our daily lives and must therefore be secured with full commitment.

Made of GRP, potable water pipes by Amiblu feature a considerably lower life cycle cost than other materials. Their smooth bore and resin-rich inner liner provide excellent hydraulic flow characteristics and minimize the amount of energy that is needed to distribute potable water to cities and suburbs. The pipes resist aggressive soil conditions and corrosion, and their reliably leak-tight wall and joints eliminate infiltration and exfiltration. Tested and certified for potable water quality in many countries around the world, they represent a solution for generations.



Environmental sustainability

Our thermoset resins are designed to be inert and stable for generations. Glassfibers add stability and strength.



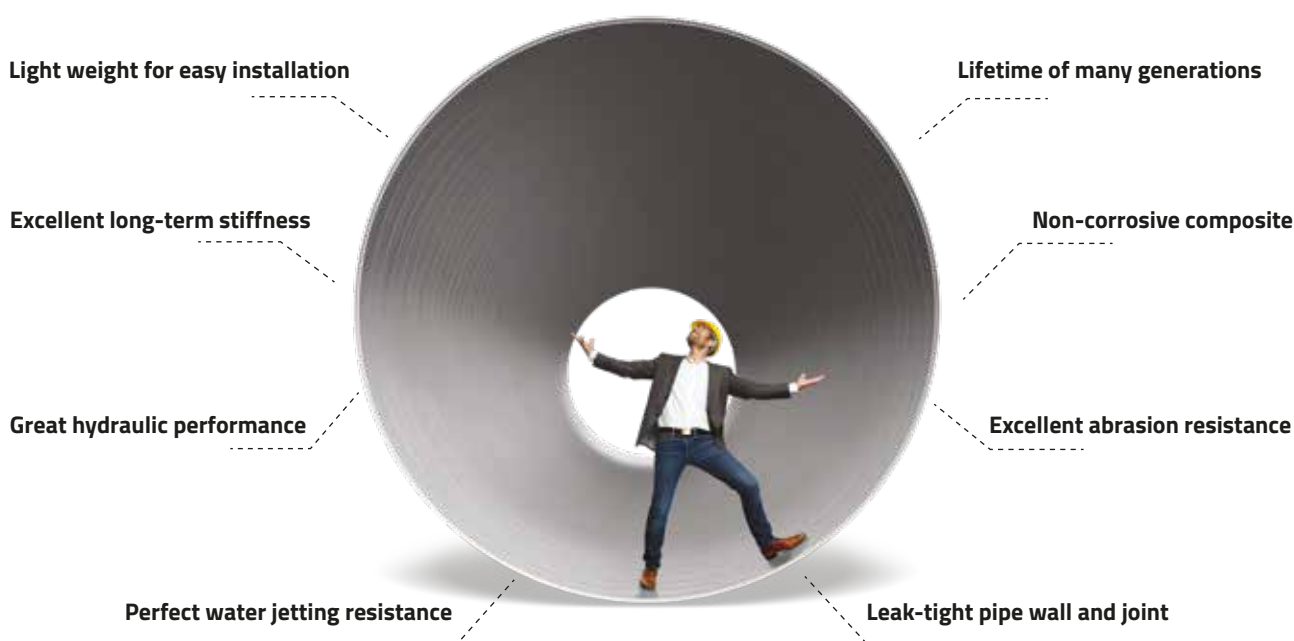
Economic sustainability

Lowest capital cost, lowest installed cost, and lowest lifetime cost. Sustainability doesn't have to cost the earth.



Social sustainability

Suppliers of water, sewage, drainage and energy need our pipeline technologies. We help build an infrastructure for generations to come.



Your benefit: safe supply of clean drinking water for generations

Amiblu GRP potable water pipe systems are innovative products that challenge traditional materials with their outstanding characteristics and extremely long lifetime. Choosing GRP means investing not only in the present, but also in future generations.

Our GRP potable water products are supplied with a proven jointing system which ensures that precious water is neither lost through leakage nor contaminated by diffusing media. Potable water tanks in custom sizes and capacities complete the comprehensive portfolio. Thanks to the pipes' light weight, they can be easily transported to and installed even in the remotest areas.



Engineered for decades of operation

The results of our stringent long-term product tests support an expected service life of several generations. This is confirmed by the evidence from existing installations that are as good as new after over 40 years of service.



Full corrosion resistance

Environments of pipe systems can have a corrosive nature, e.g. in the case of aggressive soils or stray currents. Amiblu GRP pipe systems are inherently resistant to corrosion and need no cathodic or other additional protection.



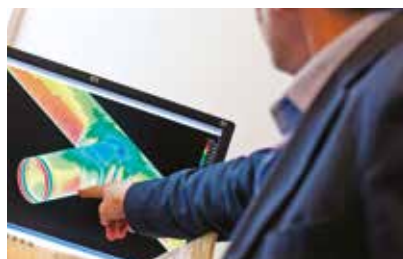
Angular deflection in couplings

Our pipe jointing technology makes it possible to modify the pipeline direction up to a certain degree simply by deflecting the pipes inside of the couplings. Your benefit: Fittings can be spared and costs saved.



Excellent flow coefficient

Amiblu pipes have a smooth, resin-rich internal surface that increases flow rates and decreases friction losses, even when gradients are low or pipeline diameters small.



Unique structural stability

Amiblu GRP products feature stable mechanical properties, low creep, and a low coefficient of thermal expansion. They are resistant to soil loads, seismic activities, and structural settlements.



Light weight, easy handling

Our pipes require no heavy handling equipment, which reduces transportation and installation costs. It also makes them a perfect solution for remote project areas that are difficult to access.



Lean production, effective monitoring

Proven systems for monitoring of dimensions, curing temperature, wall thickness, length, and diameters. Largest officially accredited testing laboratory for GRP pipes worldwide.



Non-conducting material

In the power, rail and others sectors, one of the biggest risks is electrical conductivity. Materials need to be chosen with great care to reduce the risk of accidents. GRP has zero conductivity and ensures a problem-free installation.



Customized potable water tanks

We offer custom-tailored storage solutions for drinking water with integrated manholes, pumps, and valves. The range of capacities is almost unlimited.



Integrated systems approach

In addition to our standard pipes, we offer customized GRP fittings for potable water production and supply as well as smart manholes with integrated pumps and valves.



Leak-tight jointing systems

Our Amiblu GRP potable pipe solutions are supplied with proven jointing systems that ensure the system works reliably throughout its whole service life.



From 100 mm to 4000 mm

No project is too large or too small for us: Amiblu GRP pipes are available in a broad range of nominal diameters from DN 100 up to DN 4000 (mm).



Let our team help your team!

On any project, you need to know that the people you work with are as committed to your success as you are. We believe in the long view and the longterm. So we partner with our customers from concept through to in-operation. We add value with innovative GRP solutions that outscore traditional alternatives on every parameter. We help you solve your problems and overcome your challenges to guarantee longterm, sustainable performance.

Reference projects all around the globe

Amiblu GRP pipes have an impressive track record and are installed around the globe. Among the installation methods are open cut, microtunneling, relining, above ground, on suspensions, in tunnels, and subaqueous.



WATER LINE FOR TREATMENT PLANT IN L'AMPOLLA (SPAIN)

The water supplier Consorci d'Aigües de Tarragona chose Flowtite GRP pipes DN 1300 and DN 1800, PN 6 for a new potable water line to its local treatment plant in north-eastern Spain.



REHABILITATION OF POTABLE WATER LINE IN LODZ (POLAND)

An old iron water supply network was relined with almost 23 km of Flowtite GRP pipes DN 600 and 800, PN 10. The distance of the construction pits was up to 300 m long.



GRP POTABLE WATER TANK FOR OTTENSCHLAG (AUSTRIA)

The 600 m³ potable water tank was installed in a record time of 11 hours in Lower Austria. The tank consists of four 36 m long Hobas pipelines DN 2555 and a 12 m valve chamber.



1000 m³ POTABLE WATER TANK FOR PITOMAČA (CROATIA)

The 1000 m³ potable water tank featuring six parallel Hobas pipelines and a valve chamber DN 2555 was installed within a record time of five days – the minimum installation time for a comparable concrete alternative would have been six months.



REHABILITATION OF POTABLE WATER LINE IN BUDAPEST (HUNGARY)

In Hungary's capital, an old concrete channel DN 1700 was replaced with Hobas GRP pipes DN 1000-1500. The relining installation of the 1,100 m long channel was completed in only 1.5 months.

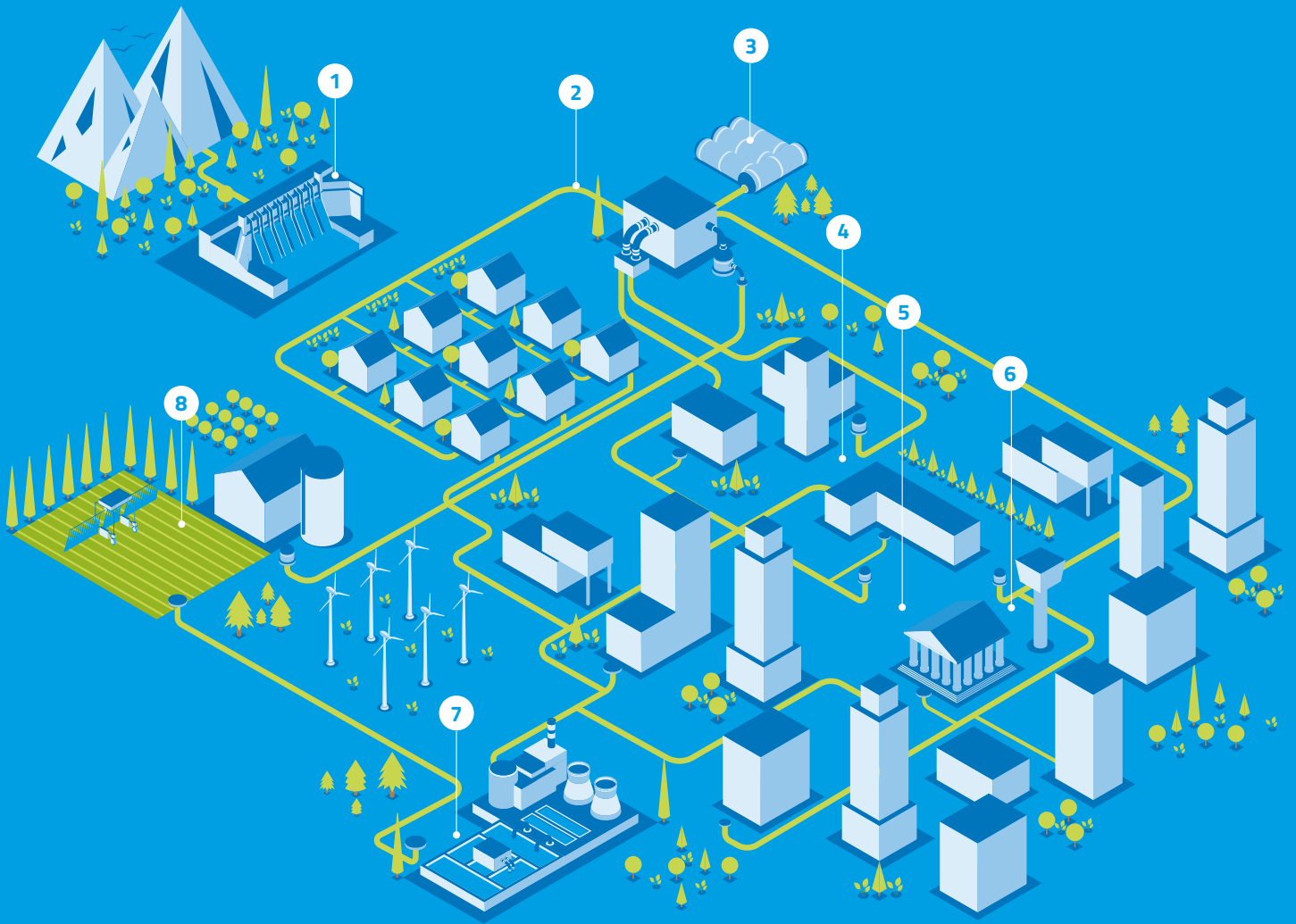


32 KM POTABLE WATER LINE FOR STAVANGER (NORWAY)

Installation of 32 km Flowtite GRP pipes DN 1200 and 1400, PN 10-16 as new main water pipeline for the Stavanger region. The system was subsequently extended by another 7 km of GRP pipes DN 600, PN 16.

Let's value water as we should.

1. Hydropower
2. Potable Water
3. Storage Tanks
4. Sewage and Stormwater
5. NC Pipes Rehabilitation
6. Jacking Pipes
7. Industry
8. Irrigation



Amiblu Holding GmbH
www.amiblu.com | +43.463.48 24 24 | info@amiblu.com

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