



AGRO



Slurry system

With sluice geometry





Seamless slurry system

A complete slurry system from Tunetanken is tailored to the individual task.

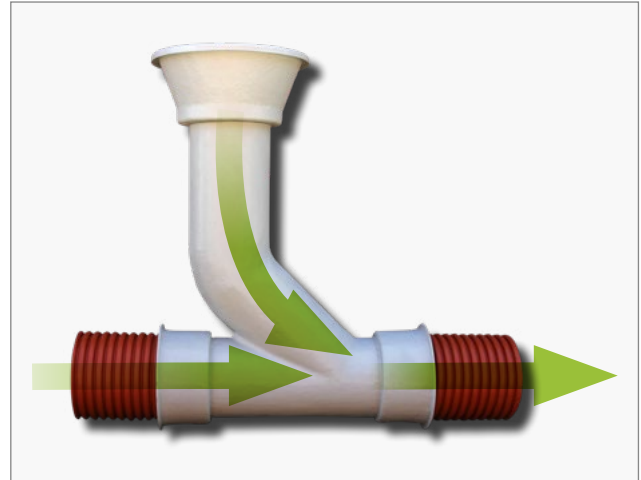
The slurry system is composed primarily of pipes and fittings in fiberglass-reinforced composite. The specially designed fittings are fully molded, robust and has smooth inner surfaces that increases the sluicing rate.

Sump modules with Flow Tee ensure an efficient directional sluice (vacuum) with minimal risk of clogging and pressure surges.

The many advantages of the composite material:

- > Great strength and density.
- > Long service life.
- > Resistant to corrosion and chemical resistance.
- > Minimal maintenance.

Fittings are made of fiber-reinforced composite. A unique material that is also used in the manufacture of heavily



Flow tee is a special fitting, designed with an outlet geometry that ensures a very efficient, directional outlet (vacuum) with minimal risk of clogging and pressure surges.

loaded products such as wind turbines, ships, aircrafts, bridges, etc. A material that can also be recycled.

A slurry system from Tunetanken is well thought out with regards to establishment – operation – maintenance – service life – environment.

Basic elements for slurry systems



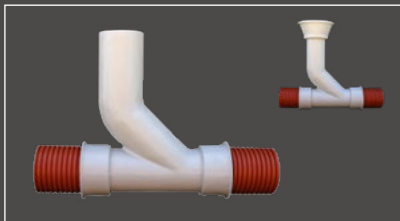
Sump modules with plug.



Bends with a large radius, 90°.



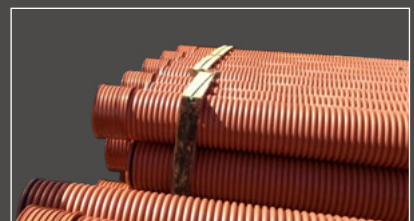
Bends with a small radius, 15, 30, 45 and 90°.



Directional Tee with 2 sleeves.



Tee with 3 sleeves.



Slurry pipe* in SN8 with sleeve.



Y-branch pipe with 4 sleeves.



Branch pipe with 3 sleeves.

See more pipes and fittings at tunetanken.dk

*) Our pipes are Nordic Poly Mark certified. Nordic Poly Mark is the common Nordic certification of plastic pipe systems. The certification checks and ensures an ongoing very high and consistent quality.



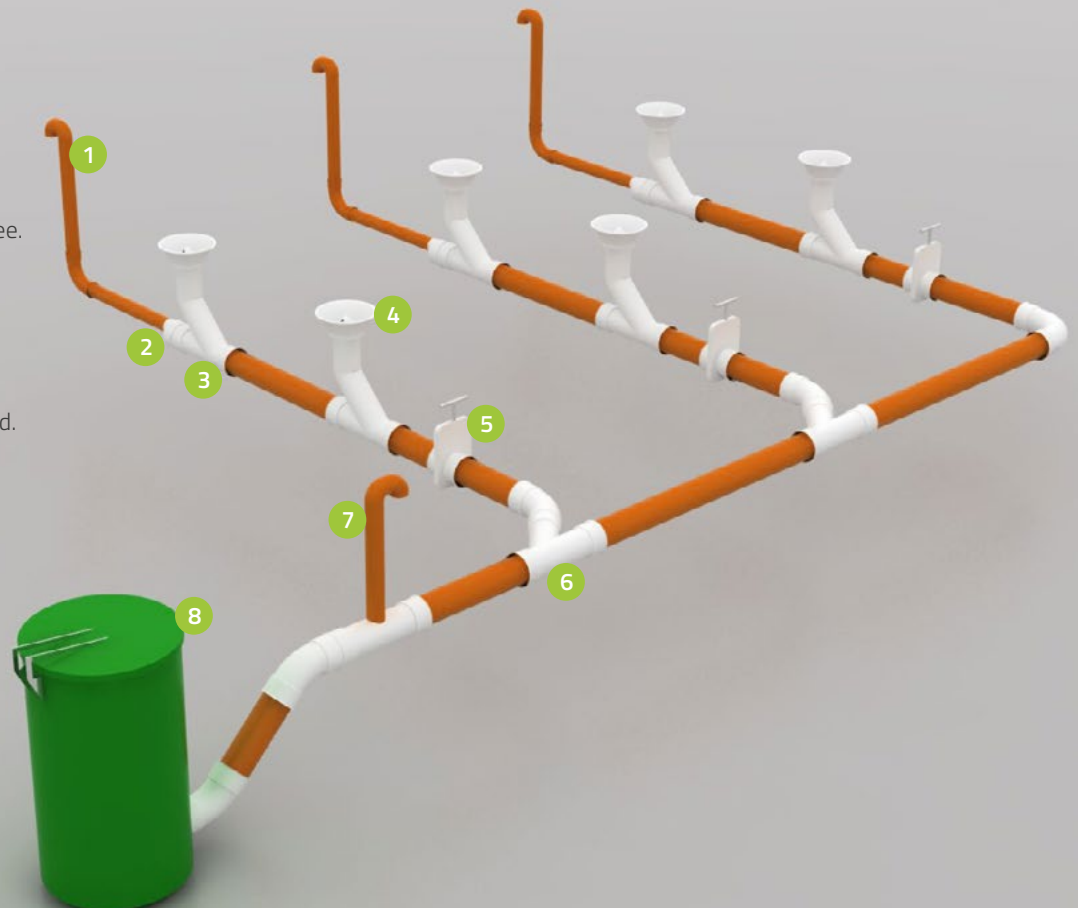
Seamless stud casting of sump module and therefore time-saving. The sump module is adjustable, providing quick change of sluice rate

Advantages of a Tunetanken slurry system

- > Fast establishment, great strength and long service life.
- > Specially designed fittings for optimal flow.
- > The sump module is adjustable and designed for an increased flow.
- > The slurry system can be supplied in loose parts or as a complete system.
- > Made of composite.
- > Corrosion and chemically resistant.
- > Temperature resistance.
- > Minimal maintenance.

Slurry system construction

1. Air intake.
2. Ø300 to Ø160.
3. Sump module with flow tee.
4. Sump module with plug.
5. Valve.
6. Branch pipe with 45° bend.
7. Air outlet.
8. Pre-tank/pump station with dry-mounted slurry vacuum pump.

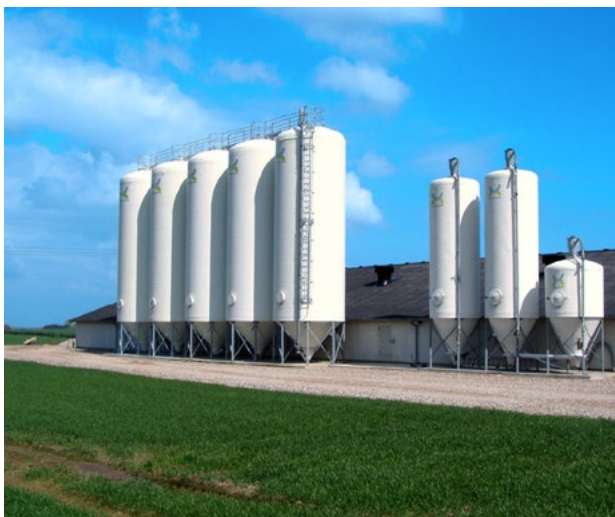




Tunetanken

With more than 50 years of experience working with fiber-reinforced composite materials, their unique advantages and a large standard product programme we have developed our market position as the leading Danish manufacturer of storage tanks, industry systems and silos in composite materials.

Tunetanken markets a large and varied programme of products and facilities for various purposes as well as supplies a large range of industries including agriculture, industry, wastewater and water treatment for energy sector. We produce all our solutions in fiber-reinforced composite materials – the same materials that are used in the manufacturing of space shuttles, air planes and wind mills. With benefits as strength, corrosion resistance and long life cycle, composites are among the popular materials of the future.



Agro

Tunetanken offers a broad programme of products, facilities and systems for agriculture. We produce silos, tanks, airtight silos, grain handling systems, hay and grain drying systems, carcass covers, slurry systems, shelters, buildings, irrigation systems, barn inventory et al.

Most of our products are made with the incorporation of fiber-reinforced composite materials, which with their unique properties are extremely suitable for the demanding agricultural environment.

Modern composite materials are materials of the future. The innovative and unmatched technical material properties contribute greatly to the development of new sustainable products and solutions, which are necessary for a sustainable future.



Composit

Composite is derived from the Latin word »componere«.

Composite materials are made by combining two or more materials (physically not chemically), thereby creating a new material with specially intended and superior properties.

Technical properties of composite materials derive from the initial qualities and properties of the combined materials, the combination of the fabrics (matrix, reinforcement, hardener, additives), as well as, the production processes and conditions.

Possibilities are endless!