APPLICATION AREAS

Underground, aboveground or trenchless,
Subor GRP pipes meet your needs in all conditions.



IRRIGATION AND POTABLE WATER

- Pressure range up to 40 bar
- Suitable for transmission and distribution networks



WASTE WATER AND STORM WATER LINES

- Wastewater, stormwater and combined system networks
- Suitable for both pressurized and non-pressurized systems and high pressure jet cleaning
- Includes pipes, fittings, tanks, manholes, and pumping stations



POWER PLANTS AND INDUSTRIAL APPLICATIONS

- Pressure range up to 40 bar
- Raw water intake, discharge and cooling water lines
- Transmission and penstock lines of hydroelectric power plants



TRENCHLESS TECHNOLOGY

- Coupling types based on pressure class
- Construction of new sewer and pressure pipelines
- Replacement of old sewer lines and road culverts
- Microtunneling and pipe jacking methods

DN 100-4000 mm, up to PN 40 bar, up to SN 1.000.000 N/m²

NON-PRESSURE PIPES



Subor Non-Pressure Pipes offer an effective solution with a special liner designed and manufactured to be highly resistant against corrosive and chemical substances commonly found in wastewater lines.

Designed for superior acid resistance, Non-Pressure Pipes are typically used for sewers, drainage systems, storm water applications and conveyance of aggressive chemicals of industrial lines.

PRESSURE PIPES



The proven advanced continuous filament winding technology and the benefits of composite materials enable Subor to provide solutions for pressure pipe systems up to 40 bar with a cost advantage against conventional materials.

With the benefit of Subor GRP Pipes' structure, lower wave celerity than other piping materials mean less cost while designing for surge pressure and water hammer phenomenon.

JACKING PIPES



Subor Jacking Pipes are used for the construction and renovation of underground pipelines using trenchless methods.

High axial compressive strength of jacking pipes provides significant advantages compared to other pipe materials for micro-tunneling and slip-lining applications.

BIAXIAL PIPES



Subor Biaxial Pipes are designed and produced to resist forces in axial direction as well as circumferential direction in order to eliminate thrust block needs.

Loads are transferred from one pipe to the next with restrained joints such as butt-wrap lamination, lock joint or flanges.

NON-CIRCULAR PIPES



Subor Non-Circular Pipes are primarily designed and developed for use in buried installations and reconstruction of existing old city pipelines.

Subor carries out the design and manufacturing processes of non-circular pipes with its own R&D and technology.

GRI PIPES



Subor provides a safe and more reliable option to engineers and contractors, who need higher impact resistant pipes for tough project conditions.

Subor Gri Pipes reach an excellent performance when they are subjected to high abrasion, outer impacts, and high pressurized water jet cleaning.

HIGH ABRASION RESISTANCE (HAR) PIPES



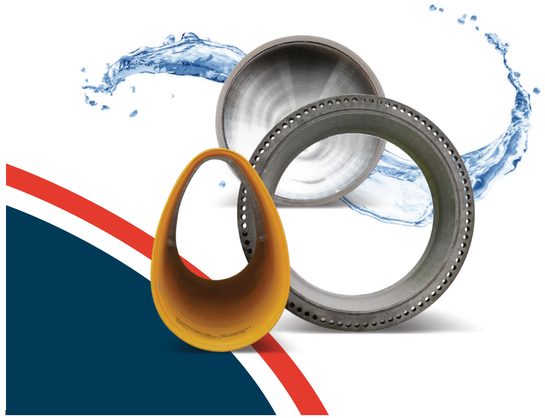
Subor has designed its new product HAR (High Abrasion Resistant) Pipe for harsh conditions where higher abrasion resistance is required. With our new innovative product HAR Pipe, the resistance of GRP pipes against corrosive chemicals is increased up to 2 times depending on the chemical type.

Subor HAR (High Abrasion Resistant) Pipe can be produced with 2 different technologies (PU liner / ARS liner) to meet the needs of different projects.

KEY ADVANTAGES OF SUBOR GRP PIPES

- **Excellent resistance to chemicals and corrosion**
- **High durability against mechanical wear**
- **Service life of up to 150 years**
- **Withstands hot climates and UV exposure**
- **Outstanding performance in demanding chemical conditions***
- **Superior hydraulic properties**
- **A wide range of fittings and custom designs for specific projects**
- **Lightweight design**
- **Fast and easy installation**

* For further details, please contact Subor.



PRESENCE IN 5 CONTINENTS

25+ YEARS OF EXPERIENCE

FIELD SERVICES

ENGINEERING AND R&D

HIGH PRODUCTION CAPACITY

EFFICIENT USE OF TRANSPORTATION

WIDE RANGE OF PRODUCTS IN PIPE SYSTEMS

NON-CORROSIVE MATERIALS

ENVIRONMENT FRIENDLY

QUALITY AND STANDARDS

PROJECT FINANCE

SUSTAINABLE INVESTMENT

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