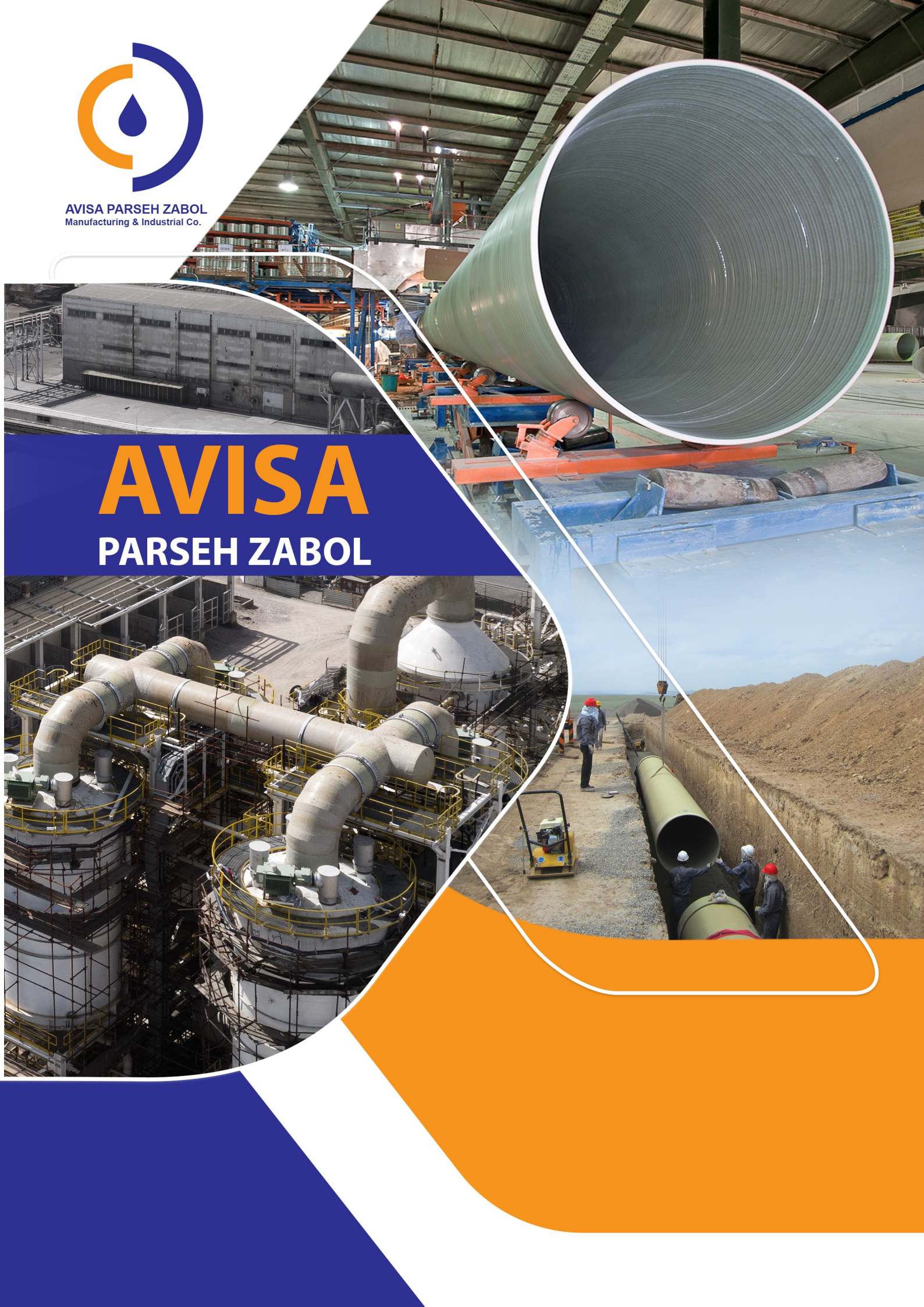




AVISA PARSEH ZABOL
Manufacturing & Industrial Co.

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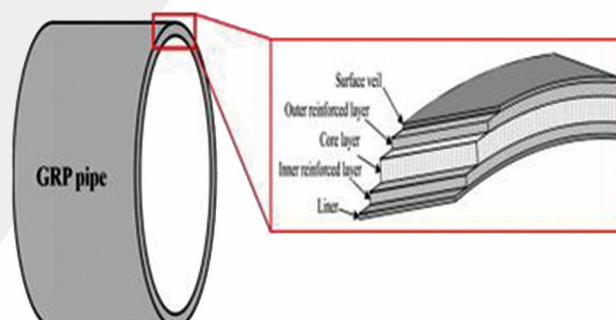
WHO WE ARE

“We Work Together to Design, Produce and Install Piping Systems That We Are Proud of, For Customers Who We Serve and Care For”

AvisaParseh is a reputable company in Glass Reinforced Plastic piping Systems manufacturing. Avisaparseh offers long term, environmental friendly solutions and products for various piping infrastructure projects. Our GRP Pipe Production Division commenced its operation under the license of Faratech Technology Center (one of the leading composite and GRP pipe technology centers in the world) in 2014 in city of Zabol located in the eastern part of Iran and ever since has been trusted to be partner in many strategic piping projects in various industries ranging from petrochemicals to transfer of potable water and industrial and municipal sewage collection.

What IS GRP Piping System

Fiberglass pipe is made from glass fiber reinforcements embedded in, or surrounded by cured thermosetting resins of different types such as unsaturated isophthalic, Orthophthalic, vinyl ester resins. This composite structure may also contain aggregate fillers to add additional stiffness for underground installations and pigments to outer layer of pipe to protect it from sun's UV radiation. By selecting the proper combination and types of resin, glass fibers, fillers, and proper design, AvisaParseh creates piping system that offers a broad range of properties and performance characteristics for variety of applications.



OUR Products

“Optimized & Industry-ready solutions for Fluid Transfer Industry for All Types of Infrastructure Projects”

For customers looking for high-quality composite pipesystems, Avisa Praseh with years of experience, most advanced technology, know-how and dedicated specialists strives to tailor solutions to help its clients to complete their projects on budget and on time, meet their current and future needs and ambitions.



Our Product portfolio

- *Non-Pressurized pipes*
- *Pressurized GRP-GRVE Piping Systems*
- *Uniaxial Pipes for underground Installation*
- *Biaxial Pipes for Aboveground Installation*
- *GRP Jacking Pipes for trenchless installation*
- *Fittings and accessories*
- *High Strenght GRP Pipe Jointing Systems*
- *GRP Manholes*
- *Valve Pits*
- *GRP chemical processing vessles and storge Tanks*

Our Product portfolio

Diameter Range	300-3000 mm
Pressure rating	Up to 32 bar
Stiffness Class	Up to 30000 Pa
Standard Length	6-12 meters



Markets and Industries We Serve



- Oil-Gas and Petrochemical
- Industrial Complexes
- Desalination Plants
- Transfer of Potable Water
- Irrigation system and storm water collection Systems
- Municipal and Industrial sewage Collection Lines
- Fire fighting Piping Systems for Industries
- Sea Water Transfer Pipeline
- Industrial Ducting
- Hydro power Plants



GRP Pipe Superior Features and Advantages



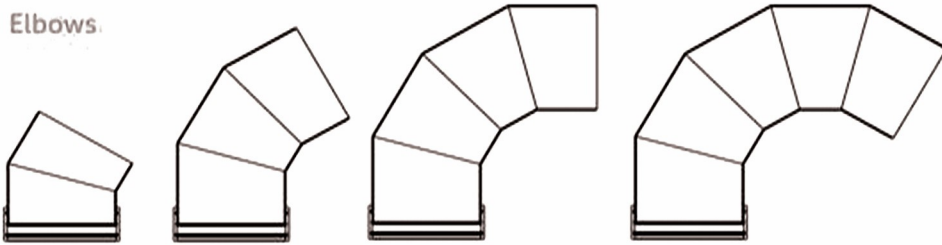
- Long Service life
- Corrosion and Abrasion Resistance
- Light Weight
- Easy and low cost to Install
- High strength/weight ratio
- Practically maintenance free
- Excellent Hydraulic Property
- Versatile and Easy to specify for any project
- Leak free joints
- Wide range of fittings
- High Structural Load capacity
- UV resistant
- Environmental friendly



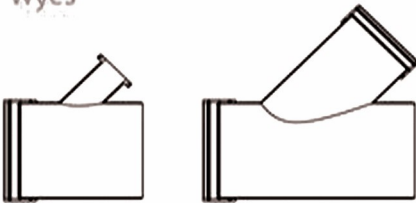
Fittings

Our High stiffness, corrosion-free GRP fittings are fabricated with the same type of high quality material as used in our pipes in according to our customers special needs or our standard dimension up to 3000 mm in diameter.

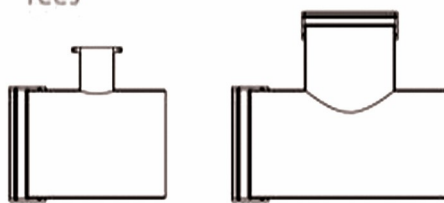
Elbows



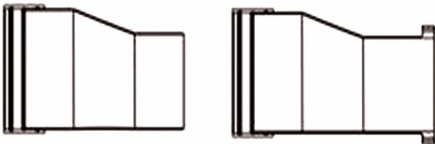
Wyes



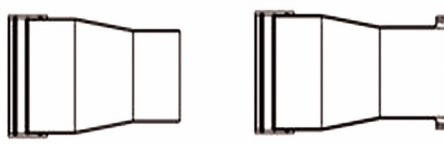
Tees



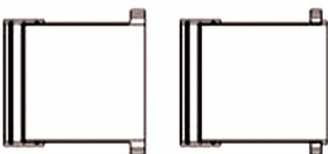
Eccentric Reducer



Concentric Reducer



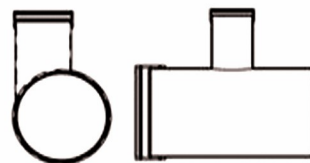
Flanges



Saddle



T Eccentric

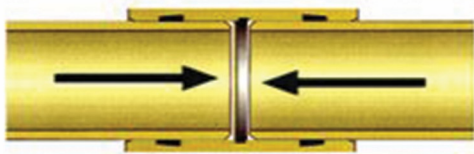


Pipe jointing methods

One of the advantages of GRP pipes over other traditional (carbon steel, concrete, etc) pipes is its versatile, easy to apply and fast pipeline jointing systems.

1- Reka Coupling joints:

With three elastomer leak-free gaskets, is suitable for underground installations.



3 - Adhesive Bonded Glued Coupling Joint System:

A reliable jointing system consisting of Reka coupling and injected epoxy glue.

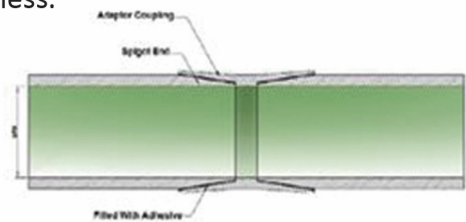


5 -Flanged Jointing System:

Flanges of different types (raised face, flat face, etc.) can be produced according to the client's specification for joining GRP pipes to another GRP pipe or pipes made of different material.

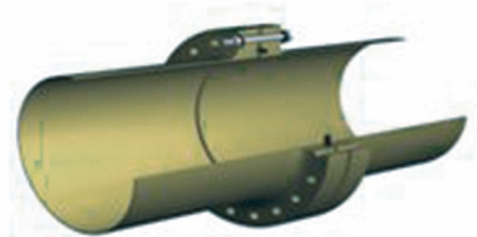
2 - Adhesive Bonded Bell & Spigot Joint System:

Jointing system made of conical on one end of the pipe and a socket end and cylindrical spigot on the other end, and special adhesive to ensure joint tightness.



4 - Butt – Wrap Lamination (Hand Lay Up) Joint System:

As rigid jointing system, two pipe ends are wrapped with high strength fiberglass embedded in resin.



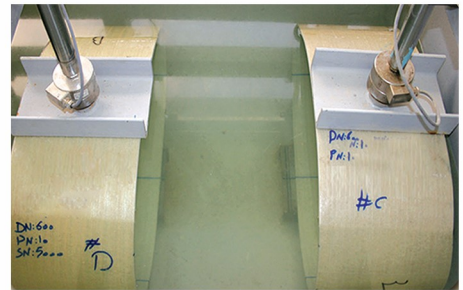


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Standards

All raw materials used in production process and the final GRP Piping products and accessories are checked and inspected according to the test methods, specifications, and recommended issued by ASTM, API, ASM, NSF, UL, ANSI and ISO. Among the most important tests conducted on Avisia Parseh pipes are the “qualification tests” (tests which are performed to ensure long term quality and mechanical stability as promised to our customers.

- *Hydrostatic design bases*
- *Long term Ring Bending*
- *Long Term Ring Stiffness*
- *Long Term Strain Corrosion*





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Projects

Here is a sample of our footprint in some major strategic infrastructure projects using large diameter GRP Pipes. For more of our contributions please visit us at www.avisapipes.com

Pakdasht Waste water Project

Pipe Diameter = 2800 mm

Pipe pressure = 6 bar

Pipe stiffness = 2500 Pa

Pipeline length = 17893 meter



Zabol Potable Water Project

Pipe Diameter = 300 to 1400 mm
Pipe pressure = 10 to 16 bar
Pipe stiffness = 5000 Pa
Pipeline length = 189480 meter



Emarat and Khoda-Afarin Irrigation Project

Pipe Diameter = 600 to 1600 mm
Pipe pressure = 10 bar
Pipe stiffness = 5000 Pa
Pipeline length = 41995 meter





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