



“For a More Sustainable World”

RKS Fiberglass

Established in 2019, our company started its operations with the aim of providing industrial solutions to our customers. We specialize in high-quality fiberglass pipe production, spare part manufacturing, and assembly works. RKS Fiberglass will continue to strive for constant improvement to maintain its leading position in the industry and consistently deliver value to our customers.

Experience

Our experienced engineers and expert team members have prioritized customer satisfaction and quality as their principles. Our company possesses a vast knowledge in the design, production, and installation of innovative fiberglass products.

Quality

While working to provide our customers with tailor-made solutions, we ensure the durability and performance of our products by using the latest technologies. Collaborating with us means obtaining the best quality, excellent service, and expertise in fiberglass pipes and fittings.



NOW THERE IS A POWER YOU CAN RELY ON.

Fiberglass is a composite material composed of glass fiber, glass mat, and polymer resin. This material offers a range of advantages, such as durability, lightweight, high strength, and chemical resistance. Fiberglass is widely used in many industries and is particularly preferred for applications like pipe and fitting production.

Fiberglass pipes can be produced in various diametersalation processes easier.

Advantages

01 Durability

Fiberglass is a durable material thanks to its high strength properties. It is resistant to physical impacts, vibrations, and abrasion.

02 Lightweight

Fiberglass material is lightweight, which makes transportation, assembly, and installation processes easier.

03 Chemical Resistance

Fiberglass exhibits high resistance against chemicals. It is resistant to corrosion, acids, bases, and various other chemicals.

04 High Strength

The high strength properties of fiberglass provide long-lasting and reliable performance. It is resistant to high pressure, tension, and pulling forces.

05 Electrical Insulation

Fiberglass material provides excellent electrical insulation. Therefore, it can be used in electrical and electronic applications.

Industries

▶ Water Treatment and Wastewater Treatment

Fiberglass pipes are used in water treatment plants and wastewater treatment facilities. These pipes are used in processes such as water conveyance, filtration, and discharge.

▶ Oil and Gas Industry

Fiberglass pipes are commonly used in pipeline systems within the oil and gas industry. They are particularly preferred for their durability and lightweight nature, especially in corrosive environments.

▶ Maritime and Ships

In the maritime industry, especially when durable pipeline systems are required in seawater and salty environments, fiberglass pipes are used.

▶ Chemical Industry

In chemical plants, fiberglass pipes are preferred for transporting aggressive chemicals such as acids and bases. Fiberglass's chemical resistance makes these pipes ideal for use in such challenging environments.



Fiberglass Pipe

- ▶ RKS Fiberglass manufactures pipes with diameters ranging from $\text{Ø } 25 \text{ mm}$ to $\text{Ø } 4000 \text{ mm}$, resistant to PN 40 bar pressure and up to 120° C temperature according to the physical and chemical structure of the fluid that will pass through.
 - ▶ It is produced by cross-winding method, reinforced with glass fiber, pipe wall thickness, reinforced with resin lining coating on the inside and outer coating with resin on the outside, and no sand additive is used in our production.
 - ▶ In addition to the excellent mechanical, physical and thermal properties of the thermosetting resin system process, the corrosion resistance is very superior.
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Fiberglass Tank

▶ Glass Fiber Reinforced Composite Materials (GRP) provide superior performance with their chemical resistance and strength. Especially when compared to traditional materials like concrete and steel, GRP offers numerous advantages to the projects it is used in. The advantages of GRP tanks over tanks made from other materials are as follows:

- Resistance to corrosion
- Suitable for a wide pH range
- Long service life
- Lightweight
- Strong and durable
- Resistant to UV rays
- High corrosion resistance.



Fiberglass Spool

- ▶ **High Resistance**

It performs reliably, is chemically resistant, has a long service life and is highly strong.

It is used in many areas such as industrial plants, shipyards and ships, treatment plants, oil platforms, chemical plants.

- ▶ **Customized for Your Projects**

We design and manufacture it specifically for your projects in different diameters, lengths, and connection types.



Fiberglass Fittings

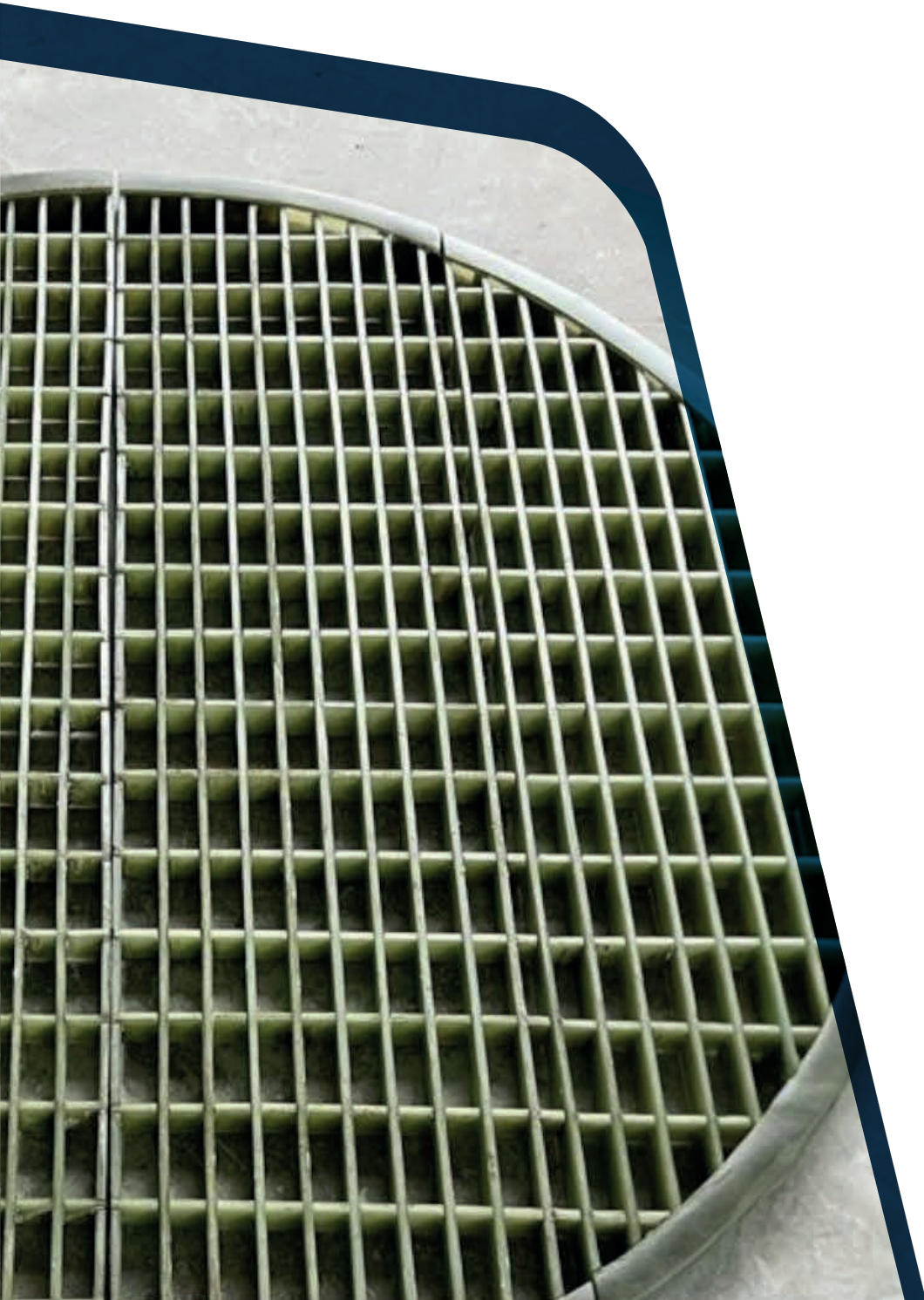
▶ Leak-Proof

The connection elements used to join fiberglass pipes enable pipelines to be assembled reliably and in a leak-proof manner.

▶ High Quality Standards

RKS Fiberglass, a company that provides all the necessary additional parts for fiberglass pipe installation and offers customers the most suitable solutions. The selected parts are in line with high-quality standards, ensuring that the assembly is strong, reliable, and long-lasting.





Pultruzyon Izgaralar

► High Resistance

Pultrusion Gratings consist of combining CTP/GRP/FRP I profiles and CTP/GRP/FRP bars produced by pultrusion method. They have very high strength due to the high glass fiber they contain.

► Durable

Gratings produced by using different resins according to different environmental conditions are not affected by corrosion and are used for many years without any maintenance.

It is used in many areas such as industrial plants, shipyards and ships, treatment plants, oil platforms, chemical plants.

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