Plastic Piping Systems
→ Solutions for Water Treatment
Make Up Water & Industrial Water

The production of chemicals and basic industrial products require treated water as part of the product, the rinse of the product or heat exchange of the product or facility. In each case, the GF Piping Systems solutions from SYGEF® (PVDF) to PVC-U offer economical corrosion-free piping to process the water. GF Piping Systems products offer clean, inert materials that ensure the highest grade of water for all phases of water treatment and water distribution.

Water Treatment Systems for production of high purity water are needed to feed boilers, cooling systems and pre-treatment. The most appropriate GF Piping Systems PVC-U and PVC-C offer corrosion free and price competitive alternatives to metallic piping systems.

GF Piping Systems and instruments play a major role in transporting water and measuring flow, pH, conductivity and ORP throughout chemical, paper, automotive and power generating plants.

Whether in water treatment systems, feeding boilers, cooling systems or the simple piping to the filler, GF Piping Systems fittings, valves and instrumentation offer an advanced and competitive solution.

Either with a traditional lime-treated, ferric flocculation water treatment process that results in elevated pH product water or with membrane systems that often produce a more acidic, poorly buffered product water, the use of GF Piping Systems plastic piping plays a critical role in preventing piping corrosion for handling these aggressive ingredient waters.

For the state of the art manufacturing of "new age" drinks as well as traditional carbonated drinks GF Piping Systems high purity piping products SYGEF® (PVDF), PROGEF® (PP-n) and PP-HL offer easy cleanable solutions.

New biotech products, cosmetics and pharmaceuticals are requiring higher quality water for the manufacture of a wide range of products from suntan lotion to parenteral (WFI). GF SYGEF® (PVDF) and GF® PROGEF® (PP-n) piping with GF Piping Systems fusion technologies are creating the ability to produce pharmaceutical grade water without stainless steel roughing. The GF Piping Systems state-of-the-art welding technology BCF® provides a smoother surface than an orbital weld.

GF Piping Systems eliminates the need for passivation and as these aggressive techniques become more difficult to conduct from both an environmental and health point-of-view, the GF Piping Systems plastic alternative to sanitary and industrial stainless piping is the system of the future for the life sciences industry.
Reverse Osmosis in PVC-U systems for the chemical stage of a major sewage treatment plant.

Waste Water Plants
Drinking Water Plants
Aquaparks

Waste Water Plants must be built to last. Our total solutions, from valves to instrumentation, are specially made for you. As a total package they offer added value solutions for all your needs.

For public utilities such as drinking water or municipal desalination plants, the challenge of corrosion is driven by high levels of chlorine, chlorine dioxide, salts or general exposure to the weather or ground water.

GF Piping Systems piping and instruments play a major role in transporting water, controlling and measuring flow, pH, conductivity and ORP throughout public water utilities without the risk of corrosion. GF Piping Systems has the package for the water works.

Swimming pools, aquatic parks and aquariums need accurate, reliable and price advanced water treatment facilities. Adapted to the requirements we offer solutions securing fast installation and long-lasting performance.

The key in ship building is to use the materials of the lightest weight, with extensive piping systems found on all vessels, especially cruise ships, piping material from GF Piping Systems are meeting the low weight demands, while eliminating the corrosion that is an inherent handicap to all metallic products used to build sea-going vessels.

The process of desalination, softening, Reverse Osmosis and chemical dosing will be beneficially accomplished with our combination of plastic valves, fittings, pipes, measurement and control systems.
Improving the quality of water in order to reduce its impact on processes and the environment is always a challenge.

In a wide competitive area of chemical and physical processes you need the right partner who will be able to bring you the solution and expertise for your complete piping system.

With our systems of fittings, pipes, valves automation and instrumentation with a high level of service quality we offer you know how, which will serve you to be more competitive in your market place.

Visible benefits

- Chemical Process Industry
- Food and Beverage
- Life Science
- Microelectronics
- Ship Building
- Water Utilities

Make Up Water
Drinking Water

- Filtration Systems
- Membrane Systems
- Ion Exchanger Systems
- Reverse Osmosis Applications
- Water Injection Systems

Industry Municipal
Your benefits at a glance

- System solution and technological expertise
- Added value welding technologies
- No corrosion or scale build up
- Easy to install and to modify
- Approvals from major classification societies
- Reliable and long-lasting systems
- Highly skilled technical support

Waste Water

Industry
- Chemical Injection Systems
- Filtration Systems
- Water Disinfection Systems
- Water Injection Systems

Municipal
- Chemical Injection Systems
- Filtration Systems
- Water Disinfection Systems
- Water Injection Systems

Surface Water
- Underground Water
- Recycled Water

Natural Disposal
- Recycled Water
GF Piping Systems → worldwide at home

Our sales companies and representatives ensure local customer support in over 100 countries.

www.piping.georgfischer.com

Adding Quality to People’s Lives

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