

Piping Systems

→ Solutions
for Water & Gas Utilities

GF Piping Systems

Throughout the world everyone demands a secure supply of clean water. GF Piping Systems is meeting this challenge by providing complete piping systems suitable for safe operation in virtually all environments. We have developed systems comprising pipe, fittings, valves, and measuring and control devices in high quality corrosion resistant thermoplastics for the transport of not only clean water, but also gas and other industrial media.

Whether installed above or below ground, in industrial, commercial or domestic applications, GF Piping Systems provides a solution.

Innovation and technology.

GF Piping Systems, through focussed research, is continually developing new products and technologies, setting new global standards in quality and performance for our customers.

All from one source. GF Piping Systems covers the growing demand for complete solutions from a single source in a wide range of applications.

Quality management. All system components are stringently tested in accredited test laboratories. Management and production procedures are certified to ISO 9001 and ISO 14001 to guarantee form, fit, function and compliance in whatever application they may be used throughout the world.

Sales and service – worldwide.

Our local sales companies and representatives in over 100 countries provide „one stop“ shopping, including planning support, training and product availability.

Facts and Figures. GF Piping Systems with its 3200 employees achieves an annual turnover of about CHF 800 million.

GF Piping Systems is part of the Georg Fischer Corporation, which was founded in Schaffhausen, Switzerland in 1802. Today the corporation has more than 13,000 employees and an annual turnover of CHF 3.3 billion.



→ Your benefits

- technological expertise
- premier quality and performance
- system solutions
- know-how and experience
- local support

Comfort → We bring you clean water

+GF+

GEORG FISCHER
PIPING SYSTEMS

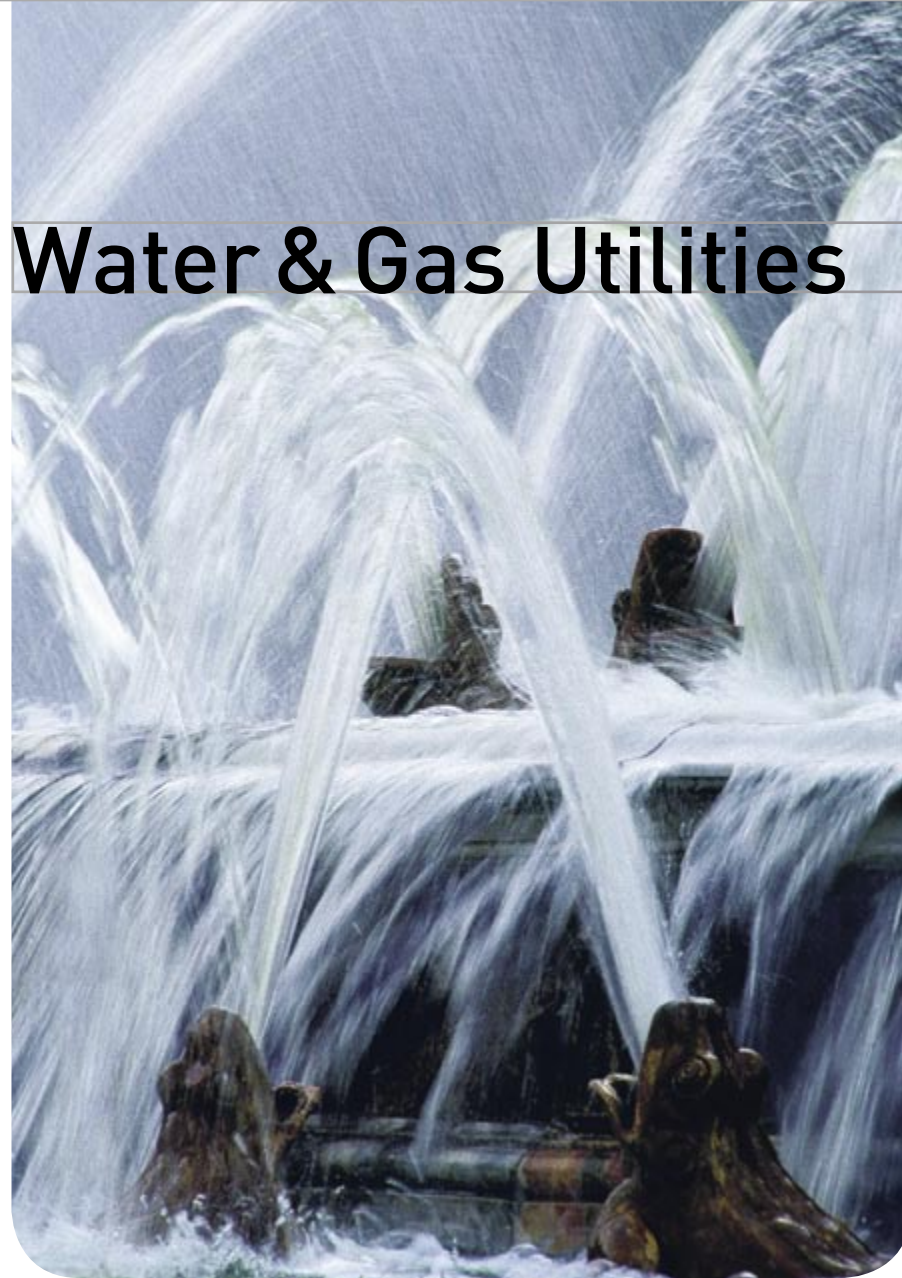
Water & Gas Utilities

Pipes, fittings, valves and other components need to be connected safely and reliably.

Whether in water or gas distribution, for main lines, service lines or hydrants.

A safe connection – especially with differing materials – is always a primary concern.

GF Piping Systems has the right solution even for your most difficult connections.



→ Always focused on our customers

Our product diversity enables us to offer you tailor-made solutions. Whether upscale or budget. The right solution is always the most cost-effective for you. Our sales representatives and distribution partners throughout the world will find the perfect solution for you.

That is how we implement customer-oriented solutions, always keeping the focus on the customer and with high quality products for water and gas utilities.

The unique diversity of our product selection has made us a leading manufacturer worldwide. And the perfect partner for you.



Mains. Fast and safe butt fusion thanks to optimized cooling time and data recording with GF butt fusion machines.



Distribution lines. MSA electrofusion machines that satisfy the most diverse requirements fuse the ELGEF® Plus modular system with utmost reliability.



Service lines. The reusability and flexibility of POLY 16 Plus compression fittings render them ideal for temporary pipelines, even under the harshest conditions.



Service lines. Robust, reusable PRIMOFIT compression joints, also for gas lines and as a transition fitting from plastic to metal.



Maintenance and repair. Long service life means economical repair of metal pipes and valve replacement with the MULTI/JOINT® couplings that guarantee tensile strength.



→ Your benefits at a glance

- Modular system in PE 100 for ELGEF® Plus electrofusion
- Active sealing system with POLY 16 Plus plastic compression fittings
- Optimized cooling time for butt fusion machines guarantees shorter welding time
- MULTI/JOINT with the 6 distinctive features (range, rubber, restraint, resicoat, reliable, reduction of cost)
- Traceability system for butt fusion and electrofusion

→ Applications – Materials – Systems

Main and distribution lines

PE – Electrofusion. Maximum safety, machine-controlled. GF Piping Systems offers everything you need for safe electrofusion. The major advantage of the ELGEF Plus System is its modularity. Everything fits together, warranting a reliable and safe connection.

PE – Butt fusion. The safe and economical connection, especially for large dimensions.

Whether you prefer it with or without data recording, we have the precisely right machine up to d 1200 mm. We also offer a comprehensive line of pipe cutting and machining devices to meet your actual needs.

The CTC (CTC=Cooling Time Control) process developed by GF Piping Systems reduces cooling time, thus raising your profitability.

Joining pipes made of different materials. For the joining of pipes made of metal, stoneware, asbestos cement etc. GF Piping Systems has solutions up to d 2800. The WAGA MULTI/JOINT® family of products also offers solutions up to a nominal diameter 600.

Service lines (house connections)

Today PE is used for nearly all house service pipes. Flexibility, easy jointing and a long product life span render PE the material of choice.

Compression joints. A good choice in every situation. The innovative, active sealing system has made us a leading supplier of PP compression fittings. Thanks to our two product lines (POLY 16 Plus and POLYFAST AZ), you are sure to find a suitable product for every application. The metal PRIMOFIT fitting is the ideal solution for jointing plastic and metal pipes in water and gas supply outside and inside of the building.

Plastic saddles. The flexible ones. Whether for compression jointing or fusion jointing, GF Piping Systems offers the fitting solution up to d 315. Thanks to the modular components system of the ELGEF electrofusion saddles, an appropriate solution can be found for every application.

Metal saddles. The tolerant ones. The advantage of our metal saddles in cast iron or stainless steel lies in the wide tolerance range for the main pipe to dimension DN 600.

PE Valves. GF Piping Systems offers all plastic valves in PE up to d 225. The perfect shut-off valve for water or gas.

Maintenance and repair

Just as important as new pipe laying is the maintenance of existing pipelines. Water loss must be kept to a minimum. This saves on costs as well.

Direct repair. In order to repair minor damages, all you need is a repair clamp that is mounted directly on the spot. Whether cast iron, stainless steel or plastic, we have the right product.

Indirect repair. For larger damages, the water must be stopped first. In such cases too, GF Piping Systems offers numerous solutions with saddles for clamping or fusion with stop-off saddles. Polyethylene pipes can be shut off with a squeeze-off tool. The universal MULTI/JOINT® fitting guarantees a long lasting repair for low total costs.

Hydrants

It makes no difference if the hydrant is built directly in the main line or in a side line, we have the suitable products.

Universal solutions. For non-plastic pipes, we have the unique MULTI/JOINT® couplings as our solution.

Solutions for PE pipes. Connecting a hydrant to a PE pipe is made particularly easy with our branch fitting.

Duck foot bend. Whether electrofusion or mechanical joints, we have a sturdy duck foot bend for lateral connections. Thanks to the integrated service line outlet, there is no stagnant water in the pipeline.



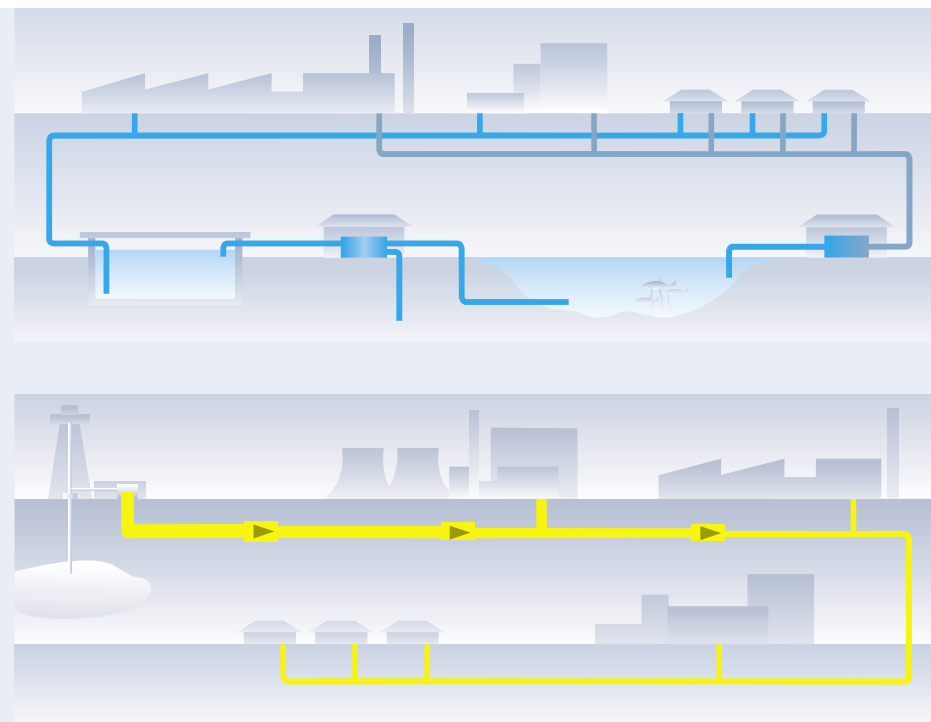
Hydrants. Elegant integration of a hydrant with branch fittings from the ELGEF® Plus product selection.



Water circulation.

Solutions for water procurement and treatment for drinking water supply and distribution, as well as purification processes in sewage treatment plants.

Gas distribution. Solutions for gas supply and distribution up to maximum 10 bar.



GF Piping Systems → at home worldwide

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



Numerous renowned international companies have years of good experience with GF Piping Systems. We would be pleased to demonstrate our competence in providing reference data on the basis of these real applications.

Please find more information concerning Water & Gas Utilities:
www.piping.georgfischer.com → Solutions → Water & Gas Utilities

The technical data is not binding and not an expressly warranted characteristic of the goods. It is subject to change. Please consult our General Conditions of Supply.

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