



ENERGY

Conventional Power Plants
Renewable Energies
Pioneering Green Solutions



Shaping the future
of energy



GF Piping Systems - Adding Quality to People's Lives

Based in Switzerland, with worldwide presence - rely on a globally active company with forward-looking ideas, dedicated to designing and manufacturing advanced piping systems for your requirements

Complete Systems for Reliable and Efficient Transport of Liquids and Gases

High-quality manufacturing

Our extensive product range consisting of pipes, fittings, valves as well as corresponding automation and jointing technologies represents a unique form of product and competence bundling. Application-oriented comprehensive systems allow safe conveyance of water, gas and industrial liquids - in the industry, utility or building technology sector.

Innovation and technology

GF Piping Systems has been the market leader in supplying innovative plastic and metal piping solutions for more than 50 years. Through focused research, GF Piping Systems continually develops new products and intelligent technologies, setting new global standards in quality and performance for its customers all around the world.

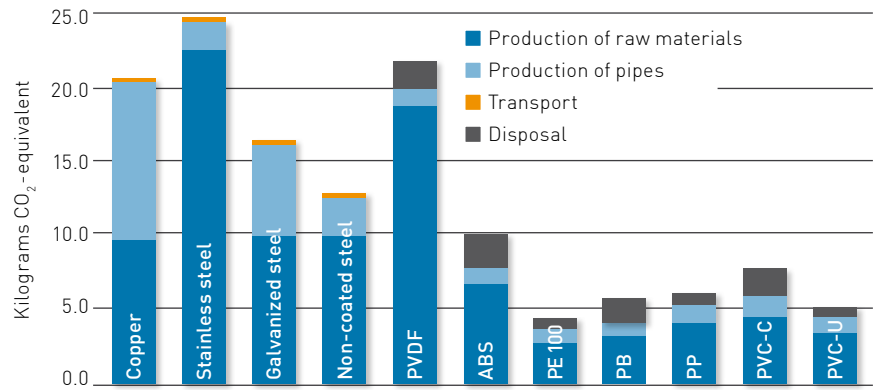
A global partner with long history

Today, GF Piping Systems - part of the Georg Fischer Corporation - achieves with its 5000 employees worldwide an annual turnover of approximately CHF 1200 million. Operating 130 companies in 30 countries, Georg Fischer Corporation with headquarters in Schaffhausen, Switzerland, has more than 13500 employees and annual sales of ca. CHF 3600 million.



Sustainability

GF Piping Systems thinks and acts sustainably by continually optimizing the environmental performance of its products and materials and implementing ecological production and distribution processes in industries.



CO₂ footprint of plastic and metal pipes (1-meter DN80 pipe) – Comparison of various piping materials for building technology, industry and distribution.

Study of S. Büsser and R. Frischknecht, ESU-services Ltd. commissioned by Georg Fischer Piping Systems, 2008.

Environmental Approach

Energy and water are becoming more scarce, and therefore more valuable, resources. As a direct consequence of this development, a sustainable management of water and energy resources is increasingly important throughout all industrial segments and in private life.

As a leading supplier of complete solutions in plastic, GF Piping Systems sees transport and distribution of water and greater energy efficiency as the main challenge for the future. Developing reliable solutions for numerous applications in industry, for utilities and building technology, GF Piping Systems actively contributes to the efficient, resource-conserving and economic use of water and energy along the whole supply chain.

Outstanding material properties and innovative system solutions form the basis for environmentally friendly, sustainable and, at the same time, cost-efficient long term performance.



Your Benefits

- Low carbon and water footprint
- Material recyclability
- Low material weight
- Cost-efficiency due to long system life cycle
- Reduced environmental, health and safety concerns
- Safe installation techniques
- Global quality standards

Your Partner for Energy

Intelligent plastic solutions for successfully managing highly specialised water and chemical applications in today's and tomorrow's energy production



Cooling

Flue
Gas Desulphurisation

Chemical Conveyance





Conventional Power Plants

Conventional power generation, using fossil fuels or nuclear sources to produce energy, still has a large worldwide market share and is extended by innovative new developments.

With highly specialised, customised solutions for cooling water lines, water treatment processes with reverse osmosis, chemical conveyance, dosing and neutralisation, GF Piping Systems ensures safe operation.



Renewable Energies

Generating energy by means of renewable natural resources is a dynamic sector with high growth rates and international focus, contributing to sustainable energy production for the future.

Using intelligent cooling or containment system solutions from GF Piping Systems in water and chemical treatment reduces energy costs and potential environmental effects of leaks, maximising safety on site at the same time.



Pioneering Green Solutions

The development of innovative green technologies for the intelligent utilisation of alternative sources of energy is a highly promising market of the future.

Providing state-of-the-art products and technologies in water and chemical media conveyance, GF Piping Systems offers cost-efficient solutions that meet highest health, safety and environmental requirements.



Water Distribution

Water Treatment

Water Intake



Complete Solutions - the Global Way

GF Piping Systems represents a unique system-based approach covering high-quality products, state-of-the-art technologies, industry expertise and a wide range of individual support and service offerings

Global Systems and Services Ideally Adapted to Customers' Needs

Systems that cover everything

For many years customers rely on - and also benefit from - our profound market knowledge, our product and application expertise and our long experience in developing and producing piping systems. Our unique complete system approach exceeds standards and makes us a qualified and global partner for our customers.

Keeping an eye on value

A variety of advanced products and technologies, allied with a broad service range, form a comprehensive system, meeting individual requirements at the same time. With outstanding services such as technical support, CAD library and customised manufacturing, our experts generate added value.

Always near by

We develop, manufacture and work closely with our customers. Thereby, our global presence and network with sales subsidiaries, production sites and distribution centres in over 100 countries ensures customer proximity, stock availability, on-site training courses and reliable service performance worldwide.

Complete Solutions from One Source

Individuality and professionalism - from planning stage to installation.



Pipes



Fittings



Manual Valves



Automation

Benefits of Plastic - Making all the Difference

- Light weight
- Corrosion and chemical resistance
- Low electrical conductivity
- Low thermal conductivity
- Free of incrustation
- Lower pump energy consumption
- Reduced maintenance costs
- Life cycle warranty (limited)
- More process safety and reliability
- High-efficiency solutions



System Range

Cemented systems:
PVC-U, PVC-C, ABS, COOL-FIT

Welded systems:
PROGEF, SYGEF, INSTAFLEX, PE100,
FUSEAL, ELGEF Plus

Additional:
Double containment systems,
automation, mechanical couplings
up to 2800 mm for jointing different
materials.

Systems for Energy Demands

Based on our complete system approach, we offer our customers a wide variety of products and technologies including PE 100, covering all site water transport needs, a maximum of flexibility and individuality in designing their application processes. Welded, cemented and mechanical system groups - each with unique mechanical and physical material properties - allow selective specification in identifying the right solution, depending on the existing media and operating conditions. In selection and installation our energy customers can rely on professional support by our expert teams.

Covering all requirements of the most significant international standards proves the quality, safety and reliability of our systems. Our energy customers can be assured that their needs are covered and comply with necessary standards such as ISO/DIN, BS, ASTM, JIS.



Joining Technology



Value Added Services

GF Piping Systems – worldwide at home

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

www.piping.georgfischer.com



The technical data are not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

Adding Quality to People's Lives

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