



## Media release

Schaffhausen

27 February 2023

### GF Piping Systems at Data Centre World London 2023

**GF Piping Systems will display complete corrosion- and maintenance-free piping solutions as well as pre-fabrication support to help data centers simultaneously reduce costs and increase efficiency from 8-9 March at Data Centre World, held at ExCeL London.**

Data center demand is increasing globally, however their power consumption cannot increase proportionally. Global warming and power availability are already dominating the decision making of the industry today, and there is a need to design and operate facilities that are more futureproof. At Data Centre World London 2023, Swiss flow solutions provider GF Piping Systems will display products that help data centers become more cost-effective, reliable, and sustainable.

The company will focus on COOL-FIT, a completely pre-insulated plastic piping system that optimizes a wide range of refrigeration applications, including data centers. The system features a three-in-one design consisting of a PE100 carrier pipe, a highly efficient and vapor-tight insulating foam, and a high-density polyethylene outer jacket. The carrier pipe is corrosion- and maintenance-free while smooth inner surfaces prevent deposits. Furthermore, the combination of the highly efficient foam and the low thermal conductivity of polyethylene leads to a 30% higher energy efficiency than metal alternatives.

Additionally, GF Piping Systems will present its prefabrication capabilities at Data Centre World London. The company has more than 14 prefabrication facilities around the world that allow customers to plan piping systems according to their specific needs while simultaneously reducing the time and effort required for the installation. To visualize the customizability of these complete solutions, visitors of the booth will be able to experience a prefabrication skid as well as virtual 3D installations.

Visitors will also be able to experience ultrasonic non-destructive testing (NDT) live at the booth. NDT transmits ultrasonic waves through materials to detect any flaws within and is a proven method for evaluating butt and electro fusion welded high density polyethylene and polypropylene. By conducting NDT analyses directly at the prefabrication stage, the welding quality for demanding application such as data centers is ensured.

Mark Stuart, Data Center Director Europe at GF Piping Systems, emphasizes the importance of the trade fair: "Our lives are becoming ever more digital, and this is only sustainable if we optimize data centers to run efficiently in every way. We believe that we can make a positive impact with our complete solutions and look forward to discussing the future of data center cooling with visitors in London, as well as future editions of Data Centre World in Frankfurt, Paris, and Singapore."

**Visit GF Piping Systems at Data Centre World London 2023 from 8-9 March 2023, at booth D125.**

[Find out more about the data center portfolio of GF Piping Systems here.](#)

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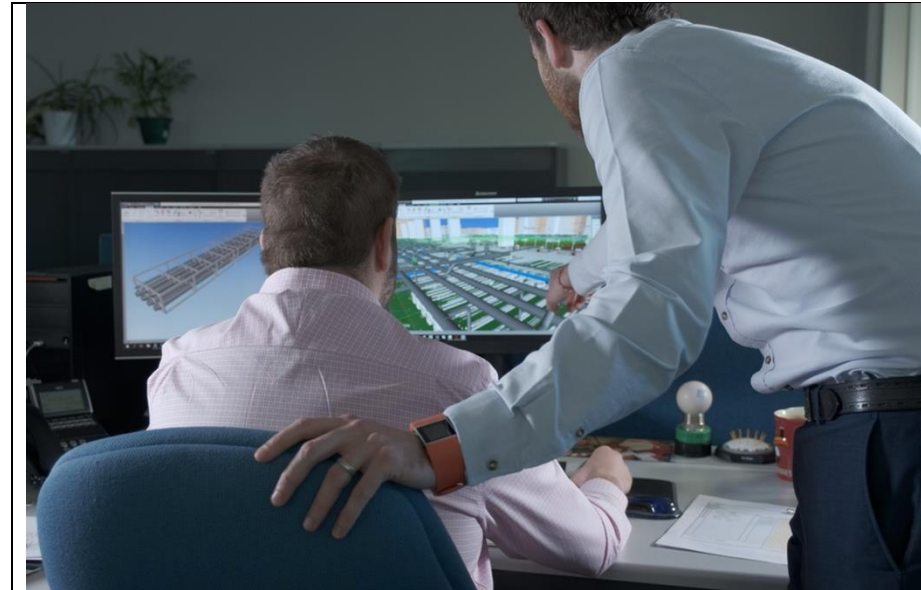
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**About GF Piping Systems Ltd.**

As the leading flow solutions provider for the safe and sustainable transport of fluids, GF Piping Systems creates connections for life. The division focuses on industry-leading leak-free piping solutions for numerous demanding end-market segments. Its strong focus on customer-centricity and innovation is reflected by its global sales, service, and manufacturing footprint and its award-winning portfolio, including fittings, valves, pipes, automation, fabrication, and jointing technologies.

GF Piping Systems has its own sales companies in 31 countries, which means it is always by its customers' side. Production sites in 36 locations in America, Europe, and Asia ensure sufficient availability and quick, reliable delivery. In 2021, GF Piping Systems generated sales of CHF 1'971 million and employed 7'686 people. GF Piping Systems is a division of Georg Fischer AG, founded in 1802 and headquartered in Schaffhausen, Switzerland.

[www.gfps.com](http://www.gfps.com)

**Pictures**

GF Piping Systems offers data center operators support throughout all project phases – from design and engineering all the way to the installation on-site.

Source:  
GF Piping Systems



Prefabrication allows operators to customize their piping systems and shorten installation times.

Source:  
GF Piping Systems



Thanks to ultrasonic non-destructive testing, pipe connections are evaluated at the factory before the systems are implemented in data centers.

Source:  
GF Piping Systems