

## Media release

Schaffhausen

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### **GF Piping Systems pioneers the first infrared welded PVC-U piping system**

**With IR PVC-U, GF Piping Systems introduces the world's first infrared welded PVC-U piping system allowing reliable joints in a machine controlled process.**

The newly introduced IR PVC-U system is a groundbreaking solution for the chemical processing industry and water treatment applications. It combines two fields of expertise at GF Piping Systems, bringing together the heritage of the PVC-U piping system and the market-leading infrared welding machines.

GF Piping Systems has been pioneering high-performance PVC piping systems since 1955. The company developed the infrared welded PVC-U pressure piping system to allow a machine controlled process, minimizing the risk of human error while making reliable, reproducible joints. This new jointing technology for PVC-U uses no cements, contributing to environmental protection while improving the chemical resistance.

Jens Frisenborg, Head of Business Unit Industry & Utility at GF Piping Systems, confirms, "Offering an alternative jointing technology for PVC-U systems is another innovative step towards an improved process reliability and a safer work environment for our customers. This is in line with our Strategy 2025, offering high-value sustainable solutions and products. With IR PVC-U, our industry-leading engineers have extended our portfolio with a chemically resistant and reliable system to create connections for life."

The new system consists of the necessary weldable fittings, valves and pipes designed for an operating pressure of 16 bar. In the beginning, two metric dimensions, d25 and d50 will be available. The welding process offers integrated quality control and traceability for each joint. Existing IR machines can be updated to process the new IR PVC-U system.

**Learn more about IR PVC-U here:**

**<https://www.gfps.com/com/en/products-solutions/systems/ir-pvc-u.html>**

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## Picture



### About GF Piping Systems

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)