Media Release

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Ensuring supply continuity and reliability: GF strengthens marine portfolio for freshwater applications

As the global marine supplier landscape continues to evolve, shipbuilders, outfitters, and marine engineering offices require dependable partners who can deliver uninterrupted supply, proven approvals, and long-term operational peace of mind. GF, a leading provider of flow solutions, today reaffirmed its dedicated commitment to the sector by showcasing its comprehensive portfolio of advanced polymer and multilayer composite piping systems engineered specifically for onboard freshwater applications.

Reliable hot and cold potable water is a critical lifeline across all marine vessels, from passenger cabins and public areas to galley and technical spaces. Designed to replace heavy, corrosion-prone metallic lines, GF's marine freshwater portfolio offers non-corroding, lightweight alternatives that withstand continuous operating pressures and thermal ranges up to 95°C.

Reliable multilayer performance with Uponor Uni Pipe and S-Press system

At the center of GF's freshwater offering is the Uponor Uni Pipe and S-Press multilayer composite pipe system. Brought into the portfolio following GF's acquisition of Uponor, the system combines high-performance composite pipes with S-Press / S-Press PLUS press-fit technology to deliver fast, secure mechanical connections for cabin branches and final outfitting stages.

The engineered pipe structure, featuring a seamless or OW-technology manufactured aluminum core, prevents oxygen diffusion while actively compensating for the linear expansion and restoring forces caused by temperature changes. Connected using corrosion-resistant brass or high-performance PPSU S-Press fittings, the system pairs the flexibility and 100% corrosion resistance of polymers with the stability of metal, offering a robust, installer-friendly solution for high-density vessel areas.

"Shipyards cannot afford project delays or uncertainty regarding material approvals and long-term support," said Roberto Chiesa, Head of Business Development Marine at GF. "With over 30 years of dedicated experience in the marine sector, GF provides not only fully certified, high-performance systems like Uponor Uni Pipe & S-Press, but also the global supply chain security and engineering expertise shipbuilders need to keep projects moving forward without compromise."

A complete portfolio for every connection

Recognizing that modern vessel design requires versatile installation methods, GF offers a multi-technology approach to onboard potable water distribution:

- **Uponor Uni Pipe & S-Press (Press-Fit):** Rapid mechanical pressing utilizing smart features like color coding, precise U-profile jaw guidance, and immediate leak-test safety functions for high-integrity cabin outfitting.
- **iFIT (Push-Fit):** A highly flexible, modular system utilizing unique adapter technology to achieve up to 50% fewer system components, reducing onboard inventory requirements.
- **JRG Sanipex MT (Cone Grip):** Featuring water pocket-free connections to safeguard against Legionella and bacterial growth, with reusable fittings ideal for tight bulkheads and future vessel retrofits.
- **INSTAFLEX (Fusion Technology):** Hygienic polybutene piping ideal for main distribution lines, supporting electrofusion and socket fusion jointing as well as pre-fabrication off-deck to drastically cut installation timelines.

Lightweight performance and operational safety

Transitioning from copper or steel to GF's composite and polymer flow solutions directly addresses the industry's most pressing challenges. The inherent flexibility of advanced polymers absorbs structural hull flexing and engine vibrations, mitigating fatigue failures. Furthermore, by eliminating hazardous hot-work permits and welding, installation timelines are significantly accelerated. For shipowners and operators, the resulting deadweight reduction translates directly into improved vessel stability, enhanced fuel efficiency, and a drastic reduction in unscheduled drydock maintenance.

"More ways to connect, one partner for the long run, that is our promise to the maritime industry," added Roberto Chiesa, Head of Business Development Marine. "Whether for new builds, retrofits, or fleet modernizations across cruise, yacht, special operations vessels, or merchant, GF stands ready as a stable, long-term partner."

For more information on GF's marine freshwater portfolio and installation technologies, visit: www.gfps.com/potablewater

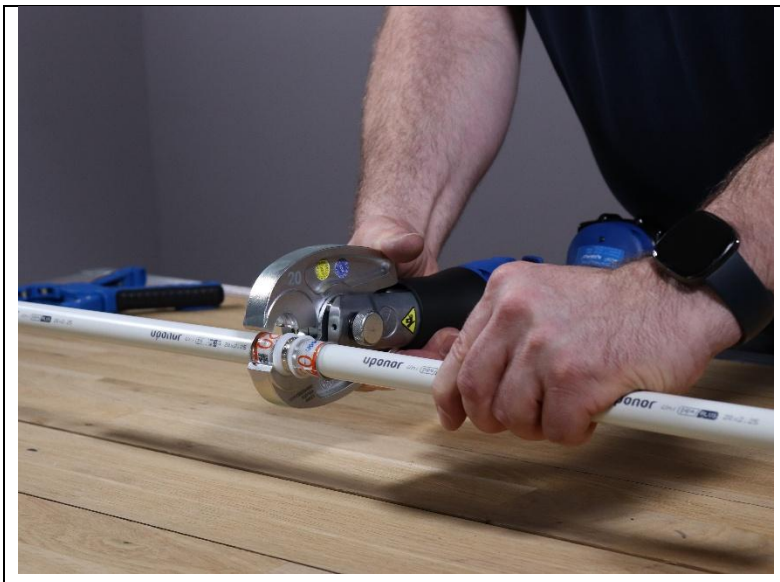
Media contact:

Marianne Hermann
Head of Strategic Marketing
media@georgfischer.com

Corporate Profile With a rich history in industrial innovation since 1802, GF is reshaping the future of Flow Solutions by delivering Excellence in Flow through mission-critical products and solutions that enable the safe and sustainable transport of water and other fluids for Buildings, Industry and Infrastructure. Headquartered in Switzerland, GF employs around 13'300 professionals across 46 countries. In 2025, GF's Flow Solutions business generated sales of CHF 3 billion. GF is listed on the SIX Swiss Exchange. **www.gfps.com**

Pictures

	Uponor S-Press PLUS fittings offer color-coded dimension recognition and U-profile jaw guidance for safe, fast mechanical jointing. *Source: GF*
	The Uponor Uni Pipe PLUS multilayer composite pipe features a seamless aluminum core that prevents oxygen diffusion and compensates for linear expansion. *Source: GF*

	The Uponor S-Press system utilizes dedicated press tools to execute fast, repeatable, and secure mechanical connections for cabin branches and outfitting stages without hot work. *Source: GF*
	Lightweight polymer and composite piping systems enable fast, safe installation in tight marine bulkheads without hot-work permits. *Source: GF*