

GF Piping Systems



PVC, PVDF, PP pipes, valves and measurement solutions

We improve lives through water purification

HYDRO, Research Triangle Park, NC

HYDRO designs and delivers advanced water purification systems for sectors where precision and purity are non-negotiable.

HYDRO

Research Triangle Park, North Carolina

GF Piping Systems has been a trusted partner of HYDRO for over 40 years, supporting their commitment to providing the highest quality water purification solutions. Focused on improving lives through clean, purified water, HYDRO serves a diverse range of industries including academia, research, life sciences, data centers and micro electronics, supporting their commitment to providing the highest quality water purifications solutions.

Project background

HYDRO's reverse osmosis and deionization (RO/DI) systems are critical to operations that demand ultrapure water. Many of HYDRO's installations, including systems deployed over three decades ago, are still fully operational—a testament to the company's engineering rigor and the durability of their chosen components. Their continued growth is rooted in a strong foundation of technical expertise and customer focus.

Selected technical solution

To ensure dependable performance, HYDRO has standardized on GF Piping Systems across all their purification solutions. Rather than sourcing from multiple vendors, HYDRO relies on GF's complete range of pipes, valves, and sensor technologies—offering flexibility in materials such as PVC, PVDF, and Polypropylene to meet specific application demands. GF's advanced sensors deliver true resistivity readings up to 18 MΩ·cm, enabling end-to-end traceability of water quality. Coupled with tight manufacturing tolerances, consistent color pigmentation, and exceptional technical support, GF's products enhance system longevity, simplify integration, and reduce long-term maintenance.

Customer comment

"One of the things I really appreciate specifically about GF is the quality of their products. That their tolerances meet or exceed expectations all the time. The pigment colors of the pipes are unbelievable and consistent. We've got some customers that have products that have been out there for years with GF. GF's quality has continued to improve over time and has been a great partnership for the past 40 years. We look forward to another 40 years of working together."

Charlie Atwater
President/CEO, HYDRO

Where next?



Speak to
an expert



Learn more about
PVC and PVDF
product

Visit our webpage to get in touch
with your local specialist:
www.gfps.com



HYDRO's continued growth led to their Innovation Center which opened in January of 2019 with Engineering, Technical Services (I & C, CAD, Document Control), System Fabrication and Integration and UL 508 Panel Shop all under one roof



GF's complete range of pipes, valves, and sensor technologies—offering flexibility in materials such as PVC, PVDF, and Polypropylene to meet specific application demands.

Customer benefits

- GF sensors deliver traceable resistivity up to 18 MΩ
- Durable materials and tight tolerances result in systems that operate reliably for decades with minimal maintenance.
- A wide selection of piping materials (PVC, PVDF, Polypropylene) allows for system customization to meet industry and regulatory needs.

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