

+ Chemical resistance

PVC-U systems from GF Piping Systems are extremely resistant to many mineral acids, bases, and salts. Maintenance and servicing is minimized through preventing chemical corrosion.

+ Perfect mechanical jointing

Only GF Piping Systems has a uniform seal design that suits all flange adaptors. The flange adaptors can be used in combination with flat gaskets or o-rings, meaning fewer errors. Adaptor unions and fittings to other materials (including metals: steel, malleable cast iron, copper) offer optimum flexibility and options for connection to other components (pumps, filters, etc.) in the pipe.

+ Our own formulations for the highest performance

Specially developed material compositions guarantee exceptional impact strength as well as improved chemical resistance. GF Piping Systems offers various PVC raw material types that have been optimized for their respective applications through in-house production (compounding).

+ Special production expertise

This special material is handled by experienced, highly specialized experts in the production. Optimized injection molding and cooling processes guarantee low-stress products with outstanding mechanical properties.

Worldwide at home

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

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GF Piping Systems

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PVC systems

Continuously improving thanks to experience and innovation

Cemented systems for applications from food through to aggressive chemicals



www.gfps.com

Safe, easy and efficient to use

There is a choice of PVC piping systems to meet every requirement, depending on the prerequisites.

PVC-U shows very good characteristics in the temperature range from 0° to 60°C. Thanks to their good temperature and chemical resistance, PVC-U systems withstand the most demanding conditions, particularly when transporting aggressive media such as acids, alkalis, bases, and salts. The high level of safety, efficiency, and reliability of the universal solution meets all requirements, from construction through to the operational use of industrial piping systems. The consistent fulfillment and exceeding of the requirements defined in international standards is proof of the quality, safety, and reliability.



Reliability and sustainability guaranteed

The PVC-U system from GF Piping Systems has proven itself in practice for more than 60 years, and combines a comprehensive assortment of pipes, fittings, valves, actuators, and measurement and control technology with ideal jointing technology. All components come from a single source, meaning they are perfectly matched.



+ Low environmental impact

Low energy consumption and relatively low emissions and waste during production and processing.

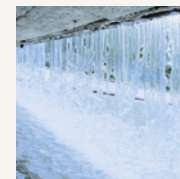
+ Sustainable resources

Making use of salt, a practically infinite resource. PVC-U consists of just 43% petroleum components and 57% salt (NaCl).

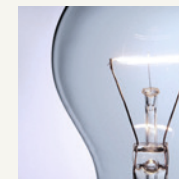
+ Recyclable material

Basic and raw material reusability means that the carbon footprint is smaller compared to other pipe materials.

PVC application areas



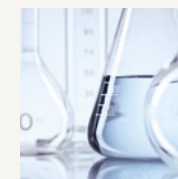
Water treatment



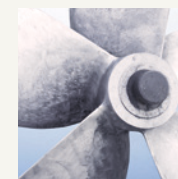
Energy



Micro-electronics



Chemical process industry



Marine

Universal and reliable

As a leading PVC piping systems provider with a global presence, we offer our customers not only reliable and innovative products, we also supply tailor-made solutions from a single source. PVC's excellent properties make it the ideal choice for numerous applications in chemical, water, and wastewater treatment, as well as for vacuum lines. Production plants are often operated around the clock. Reliable and safe piping systems that can consistently deliver critical liquid process solutions are therefore an absolute must.

