

CONTAIN-IT Plus System

Protective safety

Double containment system with highest safety due to two fully sealed containment zones. The Medium Pipe can be made from different plastics, the jacket pipe is always from PE100. Various leakage control systems are available.



Actuators and Accessories

Money saving modularity

Long duty actuators and accessories for different valves in all climatic areas. Full modular concepts for retrofit upgrades/modifications. Selection possibility from various models provides always the most cost-efficient solution.



Measurement and Control

Smart simplicity

Sensors and transmitters for industrial use in all climatic areas. Cost-efficient accuracy, simple operation and the comprehensive range of GF Signet products make it ready to use in all industrial segments.



Welding Machines

Benchmarking technology

Welding machines using patented technologies for workshop and on site use. Global service system ensures a long and profitable use of the equipment. Offering all welding methods provides the best choice for clients and their applications.



GF Piping Systems

Worldwide at home

Our sales companies and representatives ensure local customer support in over 100 countries

Georg Fischer Piping Systems Ltd
8201 Schaffhausen / Switzerland
Phone +41 52 631 11 11
Fax +41 52 631 28 00
info.ps@georgfischer.com

www.gfps.com



GF Piping Systems



Industry

The right solution
for your applications



+ Main benefits:	• Complete comprehensive system • Unique system with 2 full containments • Wide choice of jointing technologies • CAD library and calculation tools
Main applications:	Water Treatment, Chemical Process Industry, Microelectronics, Life Science
Product range:	20/50 mm to 225/315 mm (Medium/Protection)
Temperature range:	-40 °C to +140 °C (depending on Medium Pipe)
Jointing technology:	Solvent cementing, Socket fusion, IR fusion, Electrofusion, Butt fusion
Material:	PE100 for Jacket Pipe PE100, PP, PVC-U, PVC-C, PVDF for Medium Pipe

+ Main benefits:	• Extreme long life time • Upgrade through modularity • Wide range of accessories • High corrosion resistance of housings
Main applications:	Ball, Butterfly and Diaphragm valves
Product range:	Electric and pneumatic actuators Open/Close and full control
Jointing technology:	Standard interfaces (ISO/DIN/EN)
Material:	PP fibreglass reinforced housing stainless steel screws

+ Main benefits:	• Simple operating systematic • Sensors for all major parameters • High corrosion resistance of housings • Global availability of spare parts
Main applications:	Water Distribution, Water Treatment, Chemical Process Industry, Irrigation
Product range:	DN10 to DN2000 as Flow-, Conductivity-, pH/ORP-, Temperature-, Pressure-, Turbidimeter and Chlorine
Jointing technology:	Special installation fittings, Strap on saddles, ISO/NPT pipe threads
Material:	PP fibreglass reinforced, PVDF, 316L stainless steel

+ Main benefits:	• Most advanced welding technology • Efficiency through patented technologies • Data recording for quality documents • Wide range of accessories
Main applications:	Gas and Water Distribution, Water Treatment, Chemical Process Industry, Microelectronics, Shipbuilding, Mining
Product range:	20 mm to 1200 mm workshop and on site machines
Jointing technology:	Infrared fusion - IR Plus technology, Bead and crevice free fusion - BCF technology, Butt and Socket fusion, Electrofusion
Material:	PE, PP, PVDF, PB

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PVC-U System

Comprehensive simplicity

Most comprehensive system with very good chemical resistance characteristics. Typical for the system are the fast and safe connections by solvent cementing with low investment for tools and equipment.



PVC-C System

High performance PVC

System with good chemical characteristics and high temperature resistance. Typical for the system are the fast and safe connections by solvent cementing with low investment for tools and equipment.



COOL-FIT & ABS System

Energy saver

Energy saving system for cooling applications with optional preinsulation. Excellent impact strengths for lowest temperatures. The system utilises fast and safe solvent cementing connections with limited investment for tools and equipment.



ecoFIT System

Economic and ecological option

Heavy duty piping system with excellent impact strength in all climatic conditions. Good chemical and abrasion resistance up to ambient process temperatures. Highly cost-efficient system assembled from a very comprehensive product range.



PROGEF System

Economic purity

Heavy duty piping system with good impact strength in non freezing indoor conditions. Very good chemical and abrasion resistance up to high process temperatures. Very cost-efficient system assembled from a comprehensive product range.



SYGEF System

High performing purity

Heavy duty piping system with good impact strength in all climatic conditions. Excellent chemical and abrasion resistance up to highest process temperatures. High performance system assembled from a wide product range.



+ Main benefits:	• Low costs for installation equipment • Excellent value for money • Comprehensive product range • CAD library and calculation tools
Main applications:	Water Treatment, Chemical Process Industry, Shipbuilding, Power Plants
Product range:	6 mm to 400 mm (ISO/DIN/JIS) 1¼" to 16" (BS/ASTM)
Pressure rating:	Up to 16 bar
Temperature range:	0 °C to +60 °C
Jointing technology:	Solvent cementing
Material:	PVC-U

+ Main benefits:	• Low costs for installation equipment • Long support distances • Very good chemical resistance • CAD library and calculation tools
Main applications:	Chemical Process Industry, Plumbing
Product range:	16 mm to 225 mm (ISO/DIN/JIS) ¾" to 12" (BS/ASTM)
Pressure rating:	Up to 16 bar
Temperature range:	0 °C to +80 °C
Jointing technology:	Solvent cementing
Material:	PVC-C

+ Main benefits:	• Fast installation time • Extreme low operational energy loss • Excellent appearance once installed • CAD library and calculation tools
Main applications:	Chemical Process Industry, Food & Beverage
Product range:	16 mm to 315 mm (ISO/DIN/JIS) ¾" to 8" (BS)
Pressure rating:	Up to 16 bar
Temperature range:	-50 °C to +60 °C
Jointing technology:	Solvent cementing
Material:	ABS, PUR insulation for COOL-FIT, PE jacket for COOL-FIT

+ Main benefits:	• Wide choice of jointing technologies • Comprehensive product range • Long lasting self relaxing material • CAD library and calculation tools
Main applications:	Water Treatment, Chemical Process Industry, Shipbuilding, Power Plants, Mining
Product range:	20 mm to 1200 mm (ISO/DIN) ½" to 12" ASTM (Central Plastics)
Pressure rating:	Up to 16 bar
Temperature range:	-50 °C to +60 °C
Jointing technology:	Electrofusion, Socket fusion, Butt fusion, IR Plus fusion
Material:	PE

+ Main benefits:	• Advanced jointing technologies • Comprehensive product range • High duty material • CAD library and calculation tools
Main applications:	Water Treatment, Chemical Process Industry, Microelectronics, Life Science
Product range:	16 mm to 500 mm PROGEF Standard 20 mm to 63 mm PROGEF Natural
Pressure rating:	Up to 10 bar
Temperature range:	-10 °C to +95 °C
Jointing technology:	IR Plus fusion, Socket fusion, Butt fusion, BCF fusion (PROGEFNatural only)
Material:	PP

+ Main benefits:	• No impact on media, absolute inert • Advanced jointing technologies • High performance material • CAD library and calculation tools
Main applications:	Chemical Process Industry, Microelectronics, Life Science
Product range:	16 mm to 315 mm
Pressure rating:	Up to 16 bar
Temperature range:	-20 °C to +140 °C
Jointing technology:	IR Plus fusion, Socket fusion, BCF fusion
Material:	PVDF