

A Commitment
to Excellence
Serving our
Customers

Complete pipework
solutions for
Schools, Colleges
& Universities



GEORG FISCHER
PIPING SYSTEMS

GF Piping Systems

Complete pipework solutions for Building Services

	INSTAFLEX System	AQUASYSTEM PP-R	iFIT PB / ML	PVC-U System	COOL-FIT ABS	PVC-C System	Malleable Iron Fittings 1/8 - 4"	PRIMOFIT
	0 to 115°C 16 - 225mm	0 to 95°C 20 - 125mm	0 to 95°C 16 - 32mm	0 to 60°C 16 - 315mm	-50 to 40°C 16 - 315mm	0 to 80°C 16 - 315mm	-20 to 300°C 1/8 - 4"	-20 to 105°C 1/2 - 3"
Chilled water CHW	✓	✓	✓		✓		✓	✓
Hot water HWS	✓	✓	✓			✓	✓	✓
Cold water CWS	✓	✓	✓	✓	✓	✓	✓	✓
Heating HTG	✓	✓	✓				✓	✓
Compressed air	✓						✓	✓

GF are able to offer training on site with a dedicated training officer, who will be able to carry out certified jointing training if necessary.

GF also offers pipework solutions for Utilities applications. Please contact us for further information.



APPROVED



GF References

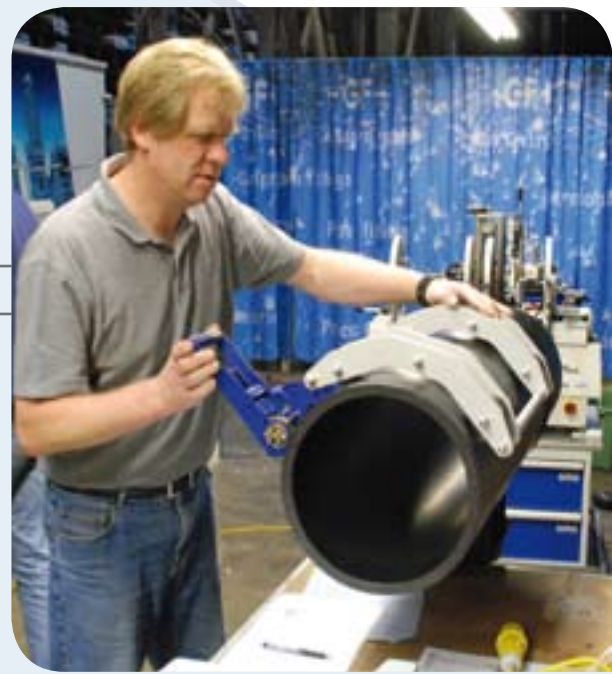
Some of the projects GF are proud to have been associated



- Royal Vet College
- Islamic Studies College - Oxford
- Loughborough Defence College
- Hampshire School - London



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GF Training Facilities

We are able to offer training programmes both on and off site and have a dedicated training area within our Head Office.

Training programmes are available in the following areas:

- Socket fusion
- Butt fusion
- Solvent cement jointing
- Electro fusion



Schools & Colleges

GF School References

GF has also supplied quality piping systems to these following schools, colleges and universities:

- University of South East Anglia
- Broadstead School - Salford
- Welbeck Sixth Form College
- Binfields School - Fareham
- Roseberry School - Slough
- Sandown School - London
- Langley Academy
- Broadgreen - Manchester
- Knowsley School
- Birmingham School
- West London Academy



Customisation

In addition to the wide range of pipe, fittings and valves GF also offer a customisation service.

Housed in a large, dedicated area of our Coventry facility, fully trained GF staff can pre-assemble pipe and fittings in any of our materials, using whichever jointing method is most appropriate for the material.

We can translate our customer's drawings into convenient size assemblies for transportation using our CAD facility. Drawings can be sent and received by email or in paper form.



> Quick reference
Fabrication

- For all materials
- Free quotations
- Full take off facility

> Size range

- 16 - 315mm
- 3/8" - 12"

Fabrication

There are numerous advantages to using this service:

Pre-assembled pipe runs can be delivered to site to fit in with your precise schedule. Long pipe runs can be installed quickly and easily offering large savings on site labour costs and ensuring site deadlines are met. Plus, no-one knows our products like we do. You can rest assured that all assembly work is carried out by staff who work with the products every day.

All jointing is carried out in our purpose built assembly area by qualified GF personnel.

All joints are individually marked for traceability.

No need for you to worry about jointing being carried out correctly on site - let our expert staff take care of it beforehand.

The only limit on the size of assembly is transport. We can deliver coiled assemblies of any length or straight assemblies up to 12 metres long. This service is particularly useful when dealing with larger diameter pipe and fittings. All deliveries can be 'just in time' thus removing the likelihood of site damage.



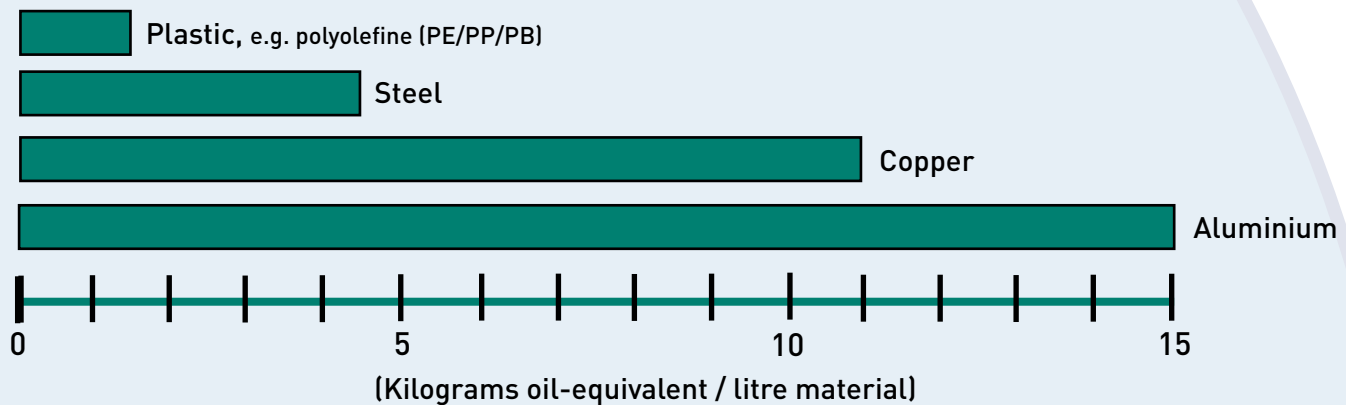
Plastics and the environment



Using plastics means saving energy

Plastics represent only 4% of the crude oil consumption in Europe. But as we all know crude oil reserves are limited. We must already rely on raw materials which can be renewed or expand our use of alternative energy sources. This is often referred to as 're-usable' raw materials.

All working processes require energy (heat, pressure, motor driven). Manufacturing plastics requires less energy than manufacturing metals. To manufacture 1 metre³ of material, the amount of energy required is shown in the chart below.



A plastics second life

Recycling

Plastics only represent 4% crude oil consumption, but it is realistic to assume that the energy value of plastic must be utilised.

There are two recycling possibilities:

- **re-use**, create new products,
- **incineration**, create thermal energy

In the **re-using** method, plastic waste is returned to its original state via various processes, such as hydrolysis, pyrolysis, regranulation.

At George Fischer production sites waste is ground (regranulated) and returned to manufacturing of products, which have lower requirements for quality and hygiene than pipes and fittings. For instance, hand levers for valves, actuated valve housing etc.

Materials considered **recyclable** are mainly thermoplastics, such as **PE, PP, PVC, PB, PVC-C**.



Recoverable heat energy of different materials

PE / PP / PB	44000 kJ/Kg
Heating Oil	44000 kJ/Kg
Coal	29000 kJ/Kg
PVC-U / PVC-C	19000 kJ/Kg
Paper	16800 kJ/Kg
Wood	16000 kJ/Kg
Household waste	8000 kJ/Kg
Metals	0 kJ/Kg



GF Piping Systems > worldwide at home

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

www.georgfischer.co.uk



The technical data is not binding. They neither constitute expressly warranted characteristics nor guaranteed properties nor a guaranteed durability. They are subject to modification. Our General Terms of Sale apply.

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