

# MULTI/JOINT 3000 Plus System

## The connection for all pipe materials

GF Piping Systems offers mechanical solutions for your pipelines with our MULTI/JOINT 3000 Plus product family: the world's only wide range restraint fitting for under and above ground use.



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Main benefits:

- The quick, safe and simple repair solution
  - Max. 8° misalignment per socket side (16° per coupling) and reusable
  - Durable and corrosion proof thanks to Resicoat epoxy powder coating
  - Cost effective permanent repair solutions
- Main applications:

Gas and water transport and distribution, waste water / sewage, district cooling, industrial applications
- Product range:

DN50 to DN600: wide range restraint fittings
- Temperature range:

–5 °C to 50 °C
- Jointing technology:

Mechanical joints
- Material:

Ductile cast iron EN-GJS-450-10 body and clamping ring, gaskets NBR or EPDM, bolts, nuts and washers A2 or A4, Resicoat epoxy powder coating

# PRIMOFIT Compression Fittings

## A quick and easy solution

PRIMOFIT is a compression fitting made of malleable cast iron which offers full end load capability. It is available with black or hot dip galvanised surface. PRIMOFIT is suitable for the connection of steel-pipes, PE-pipes, lead-pipes and special steel pipes.



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Main benefits:

- Pre-assembled – no dismantling
  - Suitable for different pipes and media
  - Quick and easy assembly – low costs
- Main applications:

Water (cold-water, heating), gas (natural gas, LPG, in- and outside the building), oil, compressed air, fuels
- Product range:

3/8" to 4" (for steel-pipes) respectively 20 mm to 63 mm (for PE-pipes)
- Pressure rating:

Up to 16 bar
- Temperature range:

–20 °C to 150 °C (depending on seal)
- Jointing technology:

Mechanical joints
- Material:

Body & nut: white heart malleable cast iron EN-GJMW-400-5 acc. to EN 1562  
Seal: NBR, EPDM, FKM & NBR+Graphite

# Compression Fittings

## The mechanical solution

GF TPA Compression Fittings are designed to withstand the most stringent tasks. The special lip gasket allows a smooth pipe insertion and provides outstanding hydraulic performance even in case of ovalized or scratched pipes.



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Main benefits:

- No disassembly necessary
  - Suitable for all PE pipes, PEX, PVC-U (kit)
  - Highest pull out resistance
  - Tapping saddles for PE and PVC
- Main applications:

Water distribution, district cooling, irrigation
- Product range:

16 mm to 110 mm couplings, tees, bends, reducers and saddles, transition fittings, universal fittings
- Temperature range:

–10 °C to 45 °C
- Jointing technology:

Mechanical joints
- Material:

PP

# MULTI/JOINT 3000 Plus System

# One size fits and grips all



GF Piping Systems

## Worldwide at home

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

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# Utility

## The right solution for your applications





## ELGEF Plus System

### Reliable non-corrosive connections

Using electrofusion to connect PE pipes provides a safe, systematic, economic and efficient installation for your piping system. The added value for the customer with ELGEF Plus is the modularity of the system.



## Spigot Fittings

### Trusted material

The quality of our spigot fittings gives your piping system the security required. Thanks to our extensive range, you will find the right product for the jointing technology you choose.



## Valves

### For a long service life

Our valves concept makes sure that the connection to the pipe does not become a potential leakage point. An Electrofusion coupler is used to weld the PE spigot outlets of the valves.



## Electrofusion Machines

### Define your needs

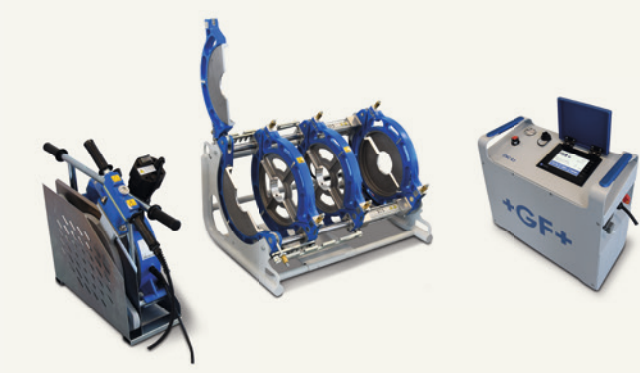
The diverse range of electrofusion machines we offer guarantees that the customer gets the perfect machine for his needs: from manual machines up to hi-tech traceability machines.



## Butt Fusion Machines

### Proven technology

Our vast range of butt fusion machines provides suitable solutions for different applications, from manual to high-tech CNC machines, from on-site welding to workshop machines used to make segment-welded fittings.



<b>+ Main benefits:</b>	<ul style="list-style-type: none"><li>Leak-free welded system</li><li>Low investment start-up costs</li><li>Modularity reduces stockkeeping</li><li>Speed of installation</li></ul>
<b>Main applications:</b>	Gas and water transport and distribution, waste water/sewage, district cooling, fire fighting, irrigation
<b>Product range:</b>	20 mm to 2000 mm
<b>Pressure rating:</b>	Up to 16 bar for water distribution Up to 10 bar for gas distribution
<b>Benefits of jointing technology:</b>	Speed, flexibility, one machine welds all dimensions of fittings
<b>Material:</b>	PE100; these fittings can also be welded onto PE63, PE80 and PE100-RC pipes

<b>+ Main benefits:</b>	<ul style="list-style-type: none"><li>Injection moulded spigot fittings</li><li>No pressure derating factor</li><li>Extensive range for electro-/butt fusion 100 % virgin material</li></ul>
<b>Main applications:</b>	Gas and water transport and distribution, waste water/sewage, district cooling, fire fighting, irrigation
<b>Product range:</b>	20 mm to 1200 mm
<b>Pressure rating:</b>	Up to 16 bar for water distribution Up to 10 bar for gas distribution
<b>Jointing technology:</b>	Electrofusion, butt fusion
<b>Material:</b>	PE100

<b>+ Main benefits:</b>	<ul style="list-style-type: none"><li>Welded connection to PE pipes</li><li>Under pressure connection possible</li><li>Corrosion free bodies</li></ul>
<b>Main applications:</b>	Gas and water distribution
<b>Product range:</b>	Pressure tapping valves up to 63 mm outlet, mains up to 400 mm Ball valves up to 225 mm
<b>Pressure rating:</b>	Up to 16 bar for water distribution Up to 10 bar for gas distribution
<b>Jointing technology:</b>	Electrofusion
<b>Material:</b>	PE100

<b>+ Main benefits:</b>	<ul style="list-style-type: none"><li>High power efficient and light-weight</li><li>Welding records proving installation quality</li><li>Welding book to manage the welding records and additional information like pictures and videos</li></ul>
<b>Product range:</b>	MSA 125, MSA 230, MSA 330, MSA 340, MSA 2.0, MSA 2.1, MSA 4.0, MSA 4.1
<b>Temperature range:</b>	-20 °C to 50 °C working temperature
<b>Fusion power technology:</b>	MSA 210, 230, 330, 340: transformer MSA 2.0, 2.1, 4.0, 4.1: inverter
<b>Material:</b>	For welding PE/PP Electrofusion fittings

<b>+ Main benefits:</b>	<ul style="list-style-type: none"><li>CNC technology up to d630 mm</li><li>Vast network of GF-authorised service stations</li><li>Powerful hydraulic unit allows jointing of big wall thickness pipes by keeping provision for dragging the pipes</li><li>High performance, electronically controlled heating elements with uniform temperature distribution over the entire surface</li></ul>
<b>Product range:</b>	160 mm up to 1600 mm
<b>Temperature range:</b>	5 °C to 40 °C, recommended working temperature
<b>Material:</b>	PE, PP, PB, PVDF

# We Ensure Quality for Your Reliable Network

