



**+GF+**

**CONTAIN-IT & CONTAIN-IT Plus**  
easy and reliable secondary  
containment piping system

# CONTAIN-IT & CONTAIN-IT Plus:

## piping systems meet the highest quality requirements



Double containment is a safe and cost-effective solution for the controlled conveyance of aggressive media. Should the medium leak from the carrier pipe, it will be contained in the outer protective pipe until the leak can be located and attended to.

The principle behind the patented double containment pipe jointing technology is based on the so-called initial jointing of the inner pipe. With this technology, the inner and outer pipes can be installed separately. This permits retro fitting a double containment pipeline on to an existing pipeline.

Wherever environmentally hazardous media need to be conveyed, the accident risk of leakage can be practically eliminated with the use of dual containment and leak detection.

**Popular applications:**

- Secondary containment piping system
- New installations or retrofit of existing system
- Life science
- Microelectronics
- Chemical process industry
- Wastewater treatment
- Inside buildings for gas or water pipe containment
- Containment of underground pipework

**CONTAIN-IT**

**Features and benefits at a glance**

- Economical split pipe and fittings (solid pipe available) (Contain-IT)
- Fits over virtually any carrier system
- Lightweight and easy to install
- Clear construction for visual leak detection
- Outstanding chemical and corrosion resistance



**CONTAIN-IT Plus**

**Features and benefits at a glance**

- Fittings are supplied ready contained
- Inner pipe joined separately to outer for pressure testing
- Pipe is standard GF pipe, no special pipe required
- Any GF inner plastic material (PVC-U, PVC-C, PE, PP, PVDF, PFA) offers outstanding chemical resistance
- Standard GF PE electrofusion or clear PVC-U outer
- Leak detection system available

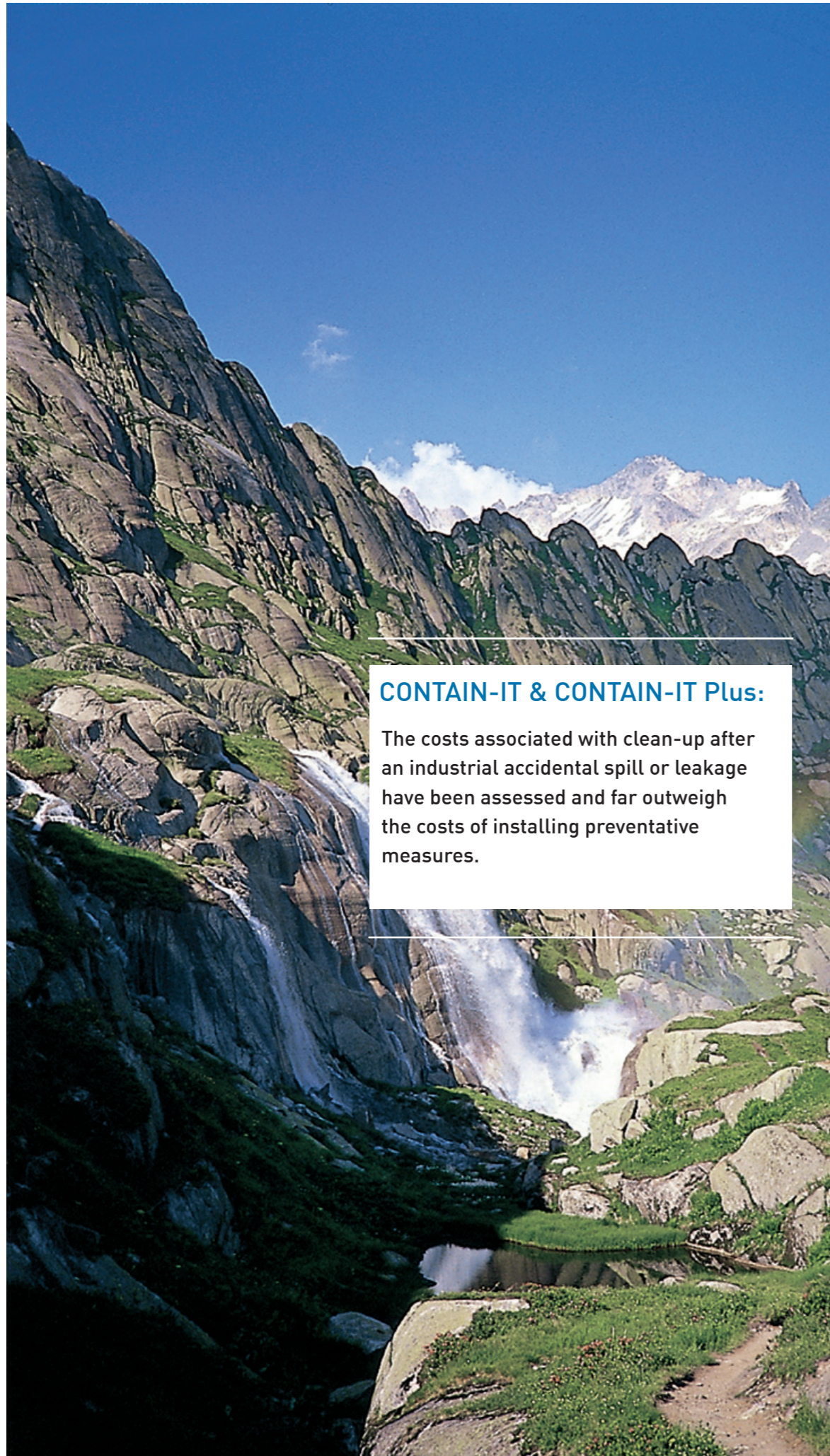
For maximum safety and optimal durability of pipe system the choice of raw material and pressure class of the pipe parts is critical. The raw material's suitability to the medium can be checked with the help of our chemical resistance list.

Our own compound and strict quality controls for each raw material delivery form the basis for George Fischer's high quality products.

GF is committed to offering you a solution to assist in reducing the risk of accidents with staff, and the demands of working with environmentally hazardous materials.

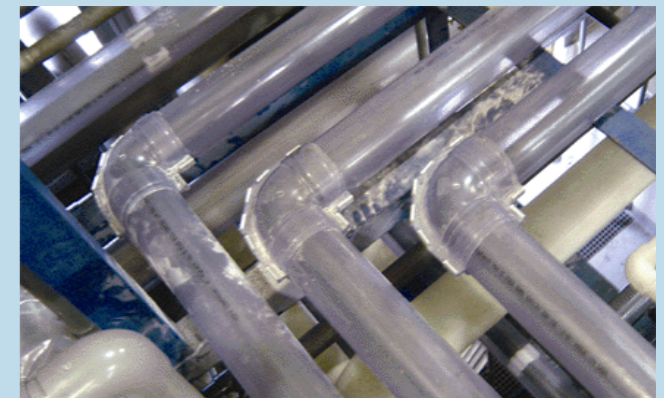


In the line with the ISO 14001 certification the environmental risks get systematically reviewed and if necessary new processes get implemented to minimise them. Modern large concerns demand analysis of the deliverers and Georg Fischer supports that actively.



### **CONTAIN-IT & CONTAIN-IT Plus:**

The costs associated with clean-up after an industrial accidental spill or leakage have been assessed and far outweigh the costs of installing preventative measures.



Our long experience in plastic piping system applications is also for your security. Approvals and third party controls are your guarantee for continuous high quality. Many of our products have the necessary approvals of the relevant institutes and thanks to the batch identification they are traceable.

#### **Fields of applications**

Our specialists are proving their wide material knowledge and their application experience day by day in various industries:

- **Water treatment**
- **Galvanics**
- **Automotive industry**
- **Cellulose and paper industry**
- **Textile industry**
- **Museums/Archives**
- **Waste water systems in water protection areas**
- **Battery production**
- **Chemical industry**
- **Semiconductor industry/printed circuit board production**
- **Waste water treatment/waste combustion**
- **Generating plant**
- **Metal processing/treatment**
- **Chemical drainage/disposal**
- **Life Science**

Did we miss your application in the above list? No problem.

Please call us, and we will find a solution according to your specifications.



## CONTAIN-IT

Hazardous leaking material from a piping system could cause injury to people, damage to the environment or to machinery. George Fischer offers clear PVC-U as the outer pipe system, either split for retro-fitting, or solid for new installations. Both allow you to pressure test the inner pipe before sealing up the outer.

The inner material can be a wide range of materials e.g. steel, ductile iron, plastic etc. Flexible or rigid termination fittings can end the outer containment to seal onto the inner pipe material.

### Size Range:

Clear PVC-U outer pipe 4" or 6"

### Pressure Rating:

Outer: 1 bar

### Suitable Inner Pipe Size:

Any material inner 1/2" - 4" / 15 - 100mm

### Joining Technology

Adhesive jointing



## CONTAIN-IT PLUS

George Fischer also offers clear PVC-U, PVC-C, PP-H, PE, PVDF and PFA for the inner material, allowing for optimal pipe material selection. The system allows the inner pipe to be pressure tested before sealing up the outer.

The outer pipe is available in either black HD-PE or PVC-U (transparent or grey). To connect the HD-PE pipe to the Contain-IT Plus contained fitting, ELGEF Plus electrofusion slip couplers are used. To connect the PVC-U outer pipe to Contain-IT Plus contained fittings EPDM couplers are used. Full range of fittings including contained valves is available.

### Size Range:

Inner: d20mm - 225mm

Outer: d50mm - d315mm

### Pressure Rating:

Inner: up to 16 bar

Outer: up to 16 bar

### Suitable Inner Pipe Size:

PVC-U, PVC-C, PP-H, PE, PVDF, PFA

### Joining Technology

Solvent cementing (PVC-U, PVC-C)

Fusion weld (PP-H, PE, PVDF)

Flare compression (PFA)

Outer PE - Electrofusion

Outer PVC-U - EPDM mechanical coupler



## why risk it?

Containment Piping Systems exhibit significant benefits for both the user and the system builder. They reduce the possibility of danger where environmentally hazardous media are conveyed within the plant in addition to cutting down on potential downtime in production.

They provide protection for people, equipment, buildings, soil, air and water. When properly installed, Double Containment Piping Systems meet the relevant legal requirements and help to lower insurance premiums. In case of damage, an integrated leak detection system makes it possible to locate the leakage point rapidly.

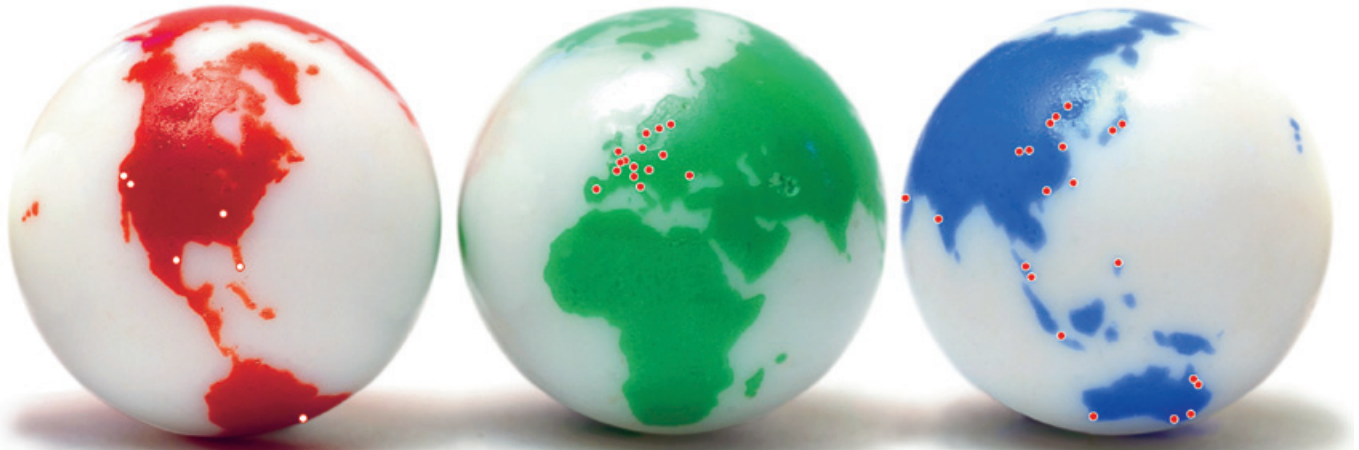
The investment soon pays off. Investing in a safe Double Containment Piping System is therefore well worth the effort, taking into consideration that the costs of renovation and other precautionary measures (e.g. a special fire fighting procedures for chemical spills) can be reduced or even totally eliminated.



# GF Piping Systems > worldwide at home

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

[www.georgefischer.co.uk](http://www.georgefischer.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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