

Contain-It™

Secondary Containment Piping System

// Split pipe and fittings
// Solid pipe





Contain-It™ secondary containment piping system

Easy and Reliable Secondary Containment Piping System

Contain-It™ benefits

- Split pipe and fittings
- Fits over virtually any carrier system
- Lightweight, easy to install
- Clear construction for visual leak detection
- Interlocking construction
- Engineered bonding media channels and flanges
- Pre-drilled bonding media injection ports
- Quick and easy fitting clips
- Predetermined fitting clip locators

Applications

The retrofit capability and chemical resistance of Contain-It make this an ideal choice for containment piping of chemical process lines.

When you combine the advantages of Contain-It with the complete line of thermoplastic piping systems from GF, you'll see that you can use "one source" for all your process and waste piping needs.

Environmental Protection Requirements

Federal, state and local regulations have been created to protect our environment from industrial pollution. Many of these regulations provide criminal penalties for owners, managers, and employees for environmental damage caused by chemical spills and leaks.

Industry has been assessed clean-up expenditures which far exceed the costs to install protective measures. When penalties and fines are added to the costs of cleaning up spills and leaks, it becomes obvious that industry has a legal and financial responsibility for protecting our environment. The Contain-It Secondary Containment System from GF Piping Systems provides the necessary environmental protection at a fraction of potential clean-up costs. The system includes many features which yield benefits to the owner, engineer and installer.

Split Pipe and Fittings

With pipe split along its length, the Contain-It piping system can be installed over virtually any carrier system. The carrier system can be tested without interference from the containment piping. Any leaks found during testing can be easily repaired. Leak detection cable can be installed as the split components are assembled, eliminating the need for time consuming cable pulling or the inclusion of lines to pull the cable. Containment piping can be retrofitted over plastic and metallic systems above and below ground, protecting employees, equipment and the environment. Split pipe and fittings are available in 3", 4" and 6".

Solid Pipe

Solid pipe may be combined with split fittings in installations which do not require retrofit capability or where it is preferred to pull a leak detection cable. Solid pipe is available in 3", 4" and 6".

Flexible Adapter

Flexible adapters allow connection to metal or chemical resistant plastic carrier systems other than PVC.

Centralizer

Centralizers center and support the carrier pipe. They are available for IPS, metric and CTS carrier pipes.



Pressure Rated

Although normal containment systems are not required to handle high pressures, the Contain-It system can be pressure tested via low pressure air or hydrostatically as defined in the chart below.

size	with air	with water	
		with flexible termination fittings or female adapter	with rigid termination fittings
3"	5 psi (0.3 bar)	5 psi (0.3 bar)	32 psi (2.2 bars)
4"	5 psi (0.3 bar)	5 psi (0.3 bar)	32 psi (2.2 bars)
6"	5 psi (0.3 bar)	5 psi (0.3 bar)	32 psi (2.2 bars)

Advantages vs. Competition

Contain-It requires fewer and less expensive tools than other containment piping systems. With Contain-It, there are no gaskets or hinges to align, which simplifies the installation procedures. Except for the common pipe preparation tools, all you'll need for Contain-It are the following:

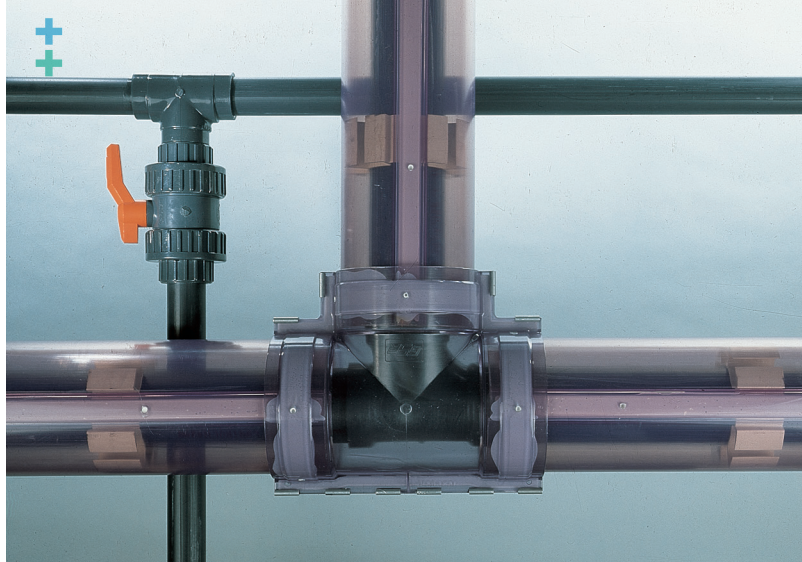


- Fitting clips and hammer: we provide the clips to hold the fittings in place prior to bonding. The hammer is used to drive the clips into place.
- Pipe clamp: helps to snap the split pipe together
- Drill and counterbore drill bit: to drill crossover holes when using split pipe and additional injection ports when needed.
- Injection gun and mixing tips: to inject bonding adhesive



Injection Bonding System

The Injection Bonding System provides a controlled application of the bonding media, eliminating the mess usually associated with brush-applied resins and solvent cements. The bonding media is injected into the interlocking groove found on split pipe and interlocking channel found on split fittings to provide a leak-free seal.



Clear Polyvinyl Chloride Construction

The clear construction allows for total inspection of the annular space which, in above ground installations, may eliminate the need for expensive leak detection systems. Polyvinyl Chloride's chemical resistance, high tensile strength and good impact resistance provides a material that is suitable for a broad range of applications.

Specification for Contain-It

The secondary containment piping system shall be Contain-It, as manufactured by Georg Fischer Harvel LLC. The piping system shall consist of clear unpigmented Polyvinyl Chloride pipe and fittings. The pipe shall be either solid or longitudinally split. The fitting shall be manufactured in two equal halves. The pipe shall align via tongue and groove construction. The pipe and fitting joints shall be welded together via the Injection Bonding Process by GF Piping Systems. Prior to injection bonding, the fitting shall be held together by the clips provided. The clips shall be affixed over the integral fitting clip locators. Final containment inspection shall be accomplished via low pressure air or hydrostatic test per manufacturer's recommendations.



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