

Snosko Dual Containment PFA Piping System

Point-to-point dual containment

Features + Order Form

snosko.com

Snösco Dual Contained PFA Piping System Features

A point-to-point, **completely dual contained** system for conveying corrosive chemicals.

Exceptional weathering properties ensures the piping remains transparent for its design life.

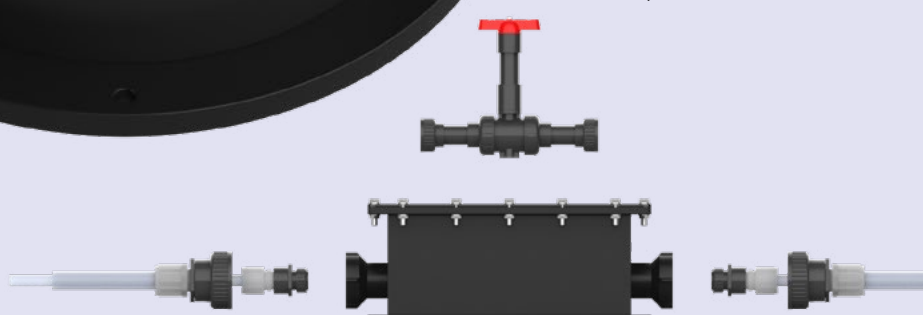
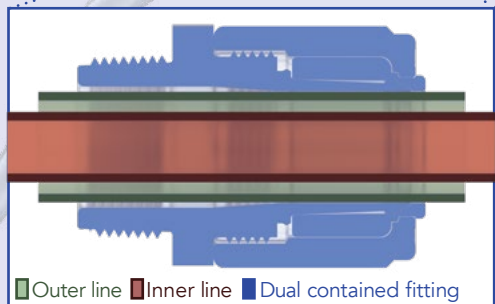
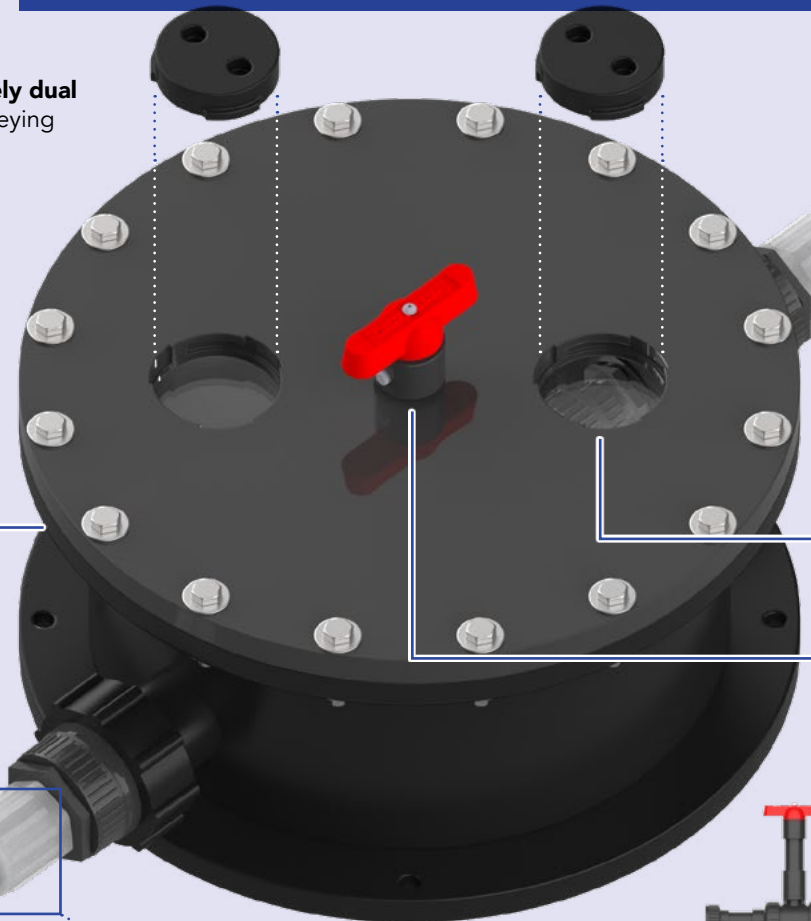
Manufactured from corrosion resistant materials with no wetted metallic components.

Sealed dual contained access enclosure with inspection ports allows for tees and valves to be included in the piping manifold. A drain port and/or leak detection sensor can also be included.

High flexibility allows for point-to-point conveyance, minimising joints (leak points) in the line as no elbows are required.

Inspection ports allow for **visual leak detection** and valve inspection.

Ball valves are operable from outside of the dual containment zone, allowing for safe and easy operation.



All piping, fittings (tees and elbows) and instruments (valves, measuring devices etc.) are contained within a single chamber, requiring only one drain and/or leak inspection point per manifold.

Specifications

Operation

- Designed for harsh concentrated water treatment chemicals
- Operating temperatures up to 150°C
- Outer line for both 0.5" and 1" sizes are rated to 4 bar
- Dual contained access enclosure rated to 0.5 bar

Materials

- Fluoropolymer inner and outer piping
- Valve material options available: UPVC, CPVC, PP and PVDF
- Seal material options available: EPDM and FPM/FKM/Viton
- Steel components to be stainless steel grade 316

Installation Guidelines

The Snosco Dual Contained Piping System can form part of a compliant solution with reference to the standards listed.

Note that there are items beyond the scope of the piping system which end users need to put in place to ensure the overall system is compliant with these standards.

- Pipe to be fully supported (cable tray suitable)
- Installation for PFA pipe to be completed with pre-approved flaring tools
- AS1170 – Structural design actions
- AS3780 - The storage and handling of corrosive substances

Sizes

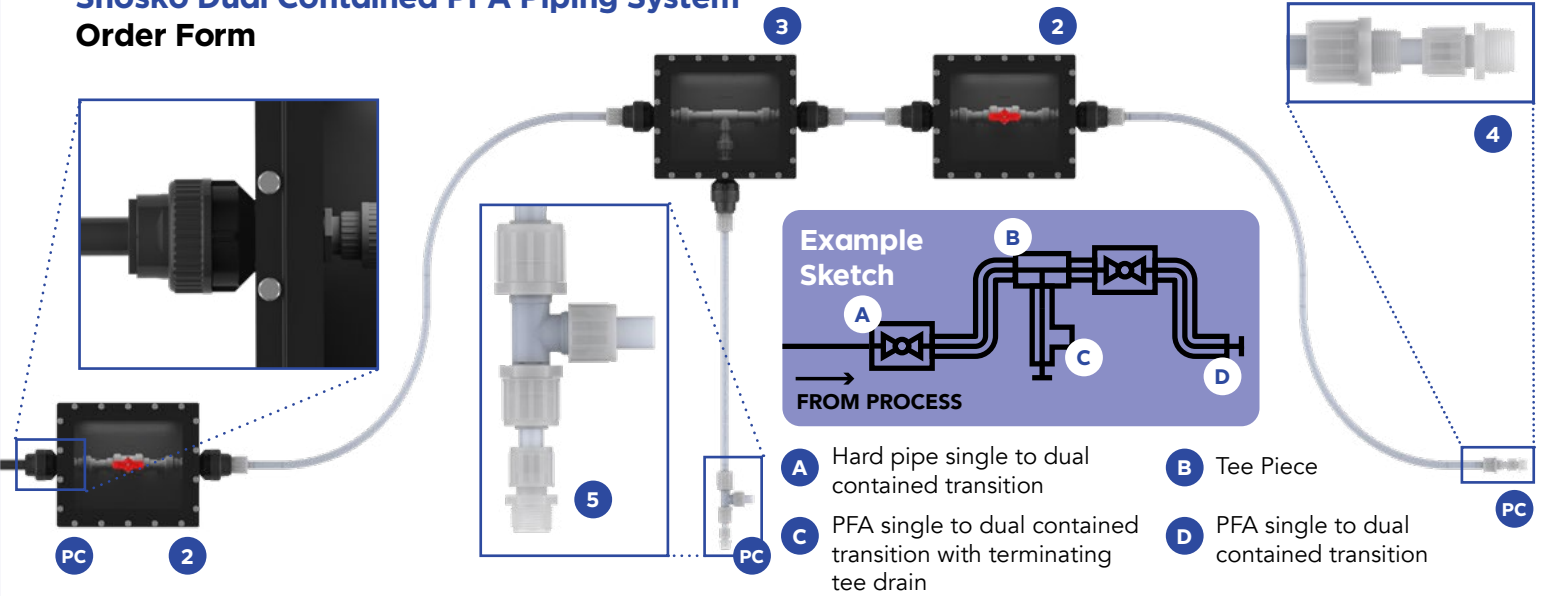
Sizes Available	Inner Line ID (mm)	Outer Line OD (mm)	Inner Line Pressure (bar) *	Bend Radius (mm) **
0.5" (DN15)	9.5	15.9	10	153
1" (DN25)	15.9	25.4	6	500

* Maximum operating pressure

** Minimum bend radius

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Please sketch your required pipeline here
(or attach sketch/screenshot)

PC Process Connection Details

Size	<input type="text"/>	0.5, 0.75, 1, 1.25, 1.5, 2" DN15, 20, 25, 32, 40, 50
Style	<input type="text"/>	Flange / Camlock FBSP / MBSP

* If multiple adjoining connections require different sizes and styles, please note them on both the sketch and in the additional requirements section.

Operating Specifications

Chemical	<input type="text"/>
Concentration %	<input type="text"/>
Operating temperature (°C)	<input type="text"/>
Flow rate (max) (L / hr)	<input type="text"/>
Back pressure at dosing point (bar)	<input type="text"/>

Optional Equipment

1	Total length of pipeline (m)	<input type="text"/>
2	Qty of dual contained valve enclosures	<input type="text"/>
Note: Enclosures can be resized to accommodate assorted instruments, fittings, and gauges.		
3	Qty of dual contained tee enclosures	<input type="text"/>
4	Qty of terminating fitting ends	<input type="text"/>
5	Qty of terminating tee drain ends	<input type="text"/>
Note: each manifold requires at least 1 drain point. This can be positioned inside an enclosure or at a terminating tee.		
6	Ultrasonic leak detection alarm (not shown)	<input type="text"/>
7	Install of pipeline	<input type="text"/>
Snosko can organise a team of trained technicians to install the Dual Contained PFA Piping System		

8	Install tools (not required if install is selected) Specialist install tools can be hired to flare, join and connect PFA fittings	<input type="text"/>
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Additional Requirements

Specified flowmeters, sensors, pressure sensors and temperature sensors can be supplied as per request.

Please fill and send to
info@snosko.com

If you require assistance filling out this form, or have any queries call:
+61 (0)431 042 890 or visit: snosko.com



Snosko is the market leader in the design and supply of chemical dual containment systems.

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