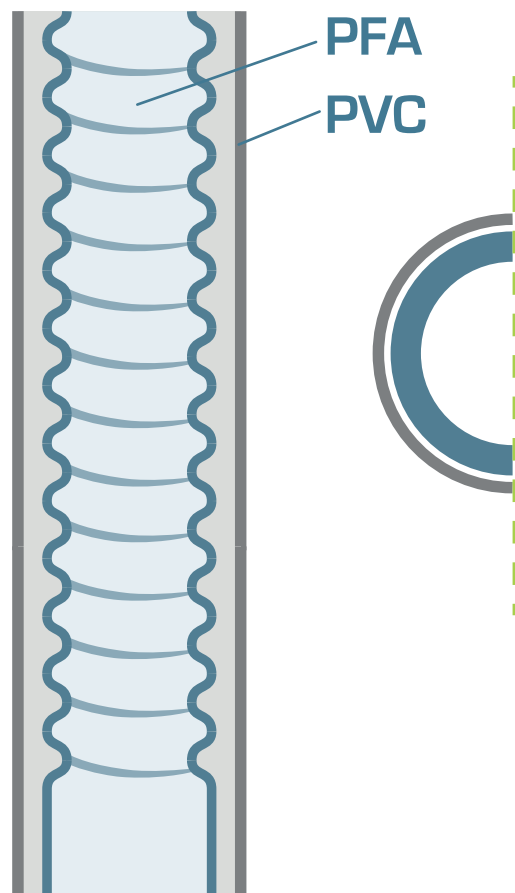


# Dual Containment Hose System PFA/PVC

Ultra flexible with corrugated PFA tubing **ACCESSORY**



## Highly flexible and extra safe.

The perfect combination of highly flexible PFA corrugated hose and protective PVC hose for double safety.

### PROPERTIES:

- Easy to handle - highly flexible dual containment with a minimal bend radius.
- The inner PFA corrugated tubing is formed with inward corrugation, making it more stable compared to conventional corrugated tubing.
- Reliable seal between outer PVC tube and anti-kink flare connections prevent product from escaping in the event of a leak from the inner PFA corrugated tube.
- Available with integrated leakage sensor.

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## TECHNICAL DATA

PFA				
Ø Outside	Ø Inner	Wall Thickness**	Working Pressure*	Burst Pressure*
inch	mm / inch	mm / inch	bar / PSI	bar / PSI
1/2"	9.5 / 3/8"	1.6 / 1/16"	10.7 / 155	27.4 / 397
3/4"	15.8 / 5/8"	1.6 / 1/16"	5.8 / 84	12.5 / 181
1"	22.2 / 7/8"	1.6 / 1/16"	2.9 / 42	7.7 / 112

\*at 20° C

\*\*at the straight hose ends

## PVC

Ø Outside (mm / inch)		
	1/2"	20 / 0.79"
	3/4"	29 / 1.14"
	1"	35 / 1.38"

## Double hose

Bending radius (mm / inch)		
	1/2"	30 / 1.18"
	3/4"	40 / 1.58"
	1"	45 / 1.77"

Note: Due to the inward corrugation, the inner diameter of our corrugated tube is reduced compared to straight tubing. For flow-critical applications, we recommend using one size larger.

## TECHNICAL SPECIFICATIONS

<b>Material</b> Core hose Outside hose	<ul style="list-style-type: none"> <li>PFA</li> <li>PVC</li> </ul>
<b>Material</b> Kink protection and Connectors	<ul style="list-style-type: none"> <li>PVDF</li> </ul>
<b>Connection</b>	<ul style="list-style-type: none"> <li>Flare (Standard)</li> <li>Adaptation to different types of connection e.g. male or female threads, camlock, flanges or sanitary triclamp connections available upon request.</li> </ul>
<b>Seal</b>	<ul style="list-style-type: none"> <li>FKM</li> </ul>
<b>Maximum length</b>	<ul style="list-style-type: none"> <li>1/2" up to 3 m</li> <li>3/4" up to 6 m</li> <li>1" up to 6 m</li> </ul>
<b>Temperature range</b>	<ul style="list-style-type: none"> <li>Up to 60° C (140° F)</li> </ul>

- In normal operation, the pumped liquid only comes into contact with the high-purity PFA core tube. Only in the event of a leak from the inner PFA tube does the outer PVC tube come into contact with the product. The seal between the PVC tube and anti-kink flare connections prevents the chemical from escaping.

## ACCESSORIES

Connecting and reducing pieces between two double hoses for continuous double protection.

Material	Connection 1	Connection 2	Order no.
PVDF	Flare 1/2"	Flare 1/2"	FLK-D-8-8-PVDF
PVDF	Flare 1/2"	Flare 3/4"	FLK-D-8-12-PVDF
PVDF	Flare 3/4"	Flare 3/4"	FLK-D-12-12-PVDF
PVDF	Flare 3/4"	Flare 1"	FLK-D-12-16-PVDF
PVDF	Flare 1"	Flare 1"	FLK-D-16-16-PVDF
PFA	Flare 1/2"	Flare 1/2"	FLK-D-8-8-PFA
PFA	Flare 1/2"	Flare 3/4"	FLK-D-8-12-PFA
PFA	Flare 3/4"	Flare 3/4"	FLK-D-12-12-PFA
PFA	Flare 3/4"	Flare 1"	FLK-D-12-16-PFA
PFA	Flare 1"	Flare 1"	FLK-D-16-16-PFA

- Includes 2 FKM seals (only in the event of a leak are these seals in contact with the product)

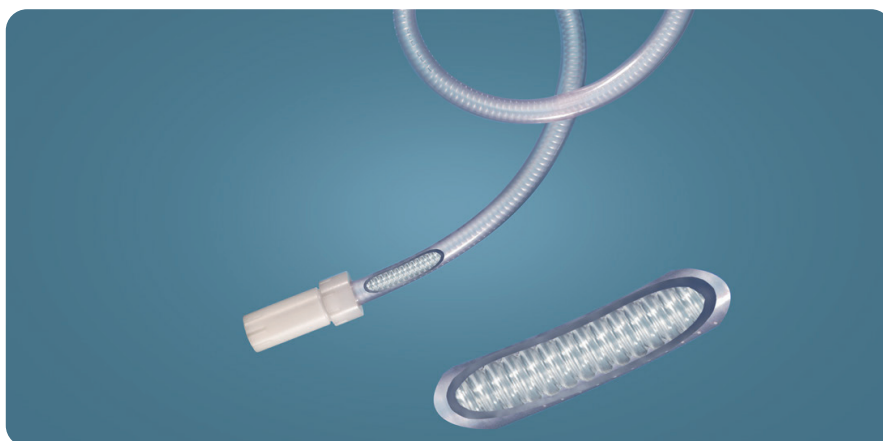
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## STANDARD VERSION

		Order no.	
		Connections	Option
Size in inch	Usable length in meters	Flare - Flare	Version with leakage sensor
1/2"	1	R12S134-CT-1	-U
1/2"	1.5	R12S134-CT-1,5	-U
1/2"	2	R12S134-CT-2	-U
1/2"	3	R12S134-CT-3	-U
3/4"	1	R12S142-CT-1	-U
3/4"	1.5	R12S142-CT-1,5	-U
3/4"	2	R12S142-CT-2	-U
3/4"	3	R12S142-CT-3	-U
1"	1	R12S113-CT-1	-U
1"	1.5	R12S113-CT-1,5	-U
1"	2	R12S113-CT-2	-U
1"	3	R12S113-CT-3	-U

- Custom lengths possible on request.



# Dual Containment Hose System PFA/PVC

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## 6 good reasons for the QC-System®:

- Clean delivery with preinstalled dip tube
- Fast connection with easy to use key code system that prevents chemical mix-ups
- Emission-free dispensing with integrated ventilation
- Drip-free disconnection
- High purity and chemically resistant materials
- Worldwide in use, well-known references



Chemical consumers from a wide range of industries already rely on the AS QC System® worldwide

Electronics	Semiconductors Solar technology and photovoltaics Flat screens
Industry	Electroplating Chemicals Printing/Paper Water treatment Automotive / mechanical engineering Adhesives Glass Agriculture
Pharmacy / Biotechnology / Cosmetics / Foods	
Laboratories / Research facilities / Institutes	

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