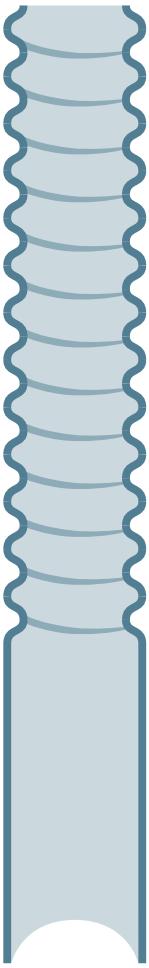
Corrugated PFA tubing



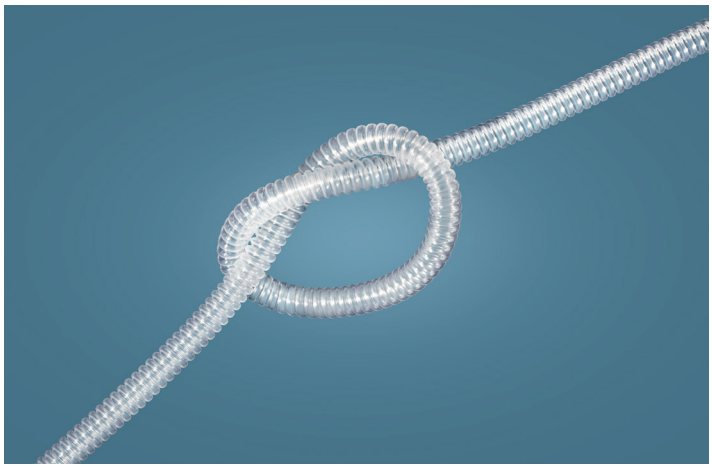
It doesn‘t get any more flexible than this

Our PFA corrugated tubing is more flexible, stable and lighter than classic corrugated tubing due to special inwards corrugation. Ideal for stress-free installation and handling of any QC System® configuration.

FEATURES

- More stable compared to typical corrugated PFA tubing due to inwards corrugation
- Almost universal chemical resistance
- Flare connections on both ends
- Different ultra pure resins available upon reques
- 10 cm-long straight hose ends on both sides so that the QC Dispense Head can easily be connected with the flare connecting system

Corrugated PFA tubing



STANDARD VERSION

Size in inch	Usable length in meters	Order number
3/8″	1	R12S123-CT-1-231-FL
3/8″	1.5	R12S123-CT-1,5-231-FL
1/2″	1	R12S121-CT-1-231-FL
1/2″	1.5	R12S121-CT-1,5-231-FL
1/2″	2	R12S121-CT-2-231-FL
1/2″	3	R12S121-CT-3-231-FL
3/4″	1	R12S122-CT-1-231-FL
3/4″	1.5	R12S122-CT-1,5-231-FL
3/4″	2	R12S122-CT-2-231-FL
3/4″	3	R12S122-CT-3-231-FL
1″	1	R12S111-CT-1-231-FL
1″	1.5	R12S111-CT-1,5-231-FL
1″	2	R12S111-CT-2-231-FL
1″	3	R12S111-CT-3-231-FL

- Individual lengths possible on request.

TECHNICAL SPECIFICATIONS

Material	• PFA natural
Maximum length	• 3/8″ up to 1.5 m • 1/2″ up to 3 m • 3/4″ up to 6 m • 1″ up to 6 m • 1 1/4″ up to 6 m
Working temperature	• Up to 60ºC (140ºF)
Connection ends	• 10 cm straight ends on both sides

Bending radius (mm)	3/8″	8.00
	1/2″	15.00
	3/4″	20.00
	1″	30.00

- **Includes flare nuts made of PVDF pre-assembled on both ends. Tubing with PFA nuts or without flare on request.**

Note: The inner diameter of our corrugated tubes is reduced compared to straight tubes. We recommend using the next larger nominal size for flow-critical applications.

TECHNICAL DATA

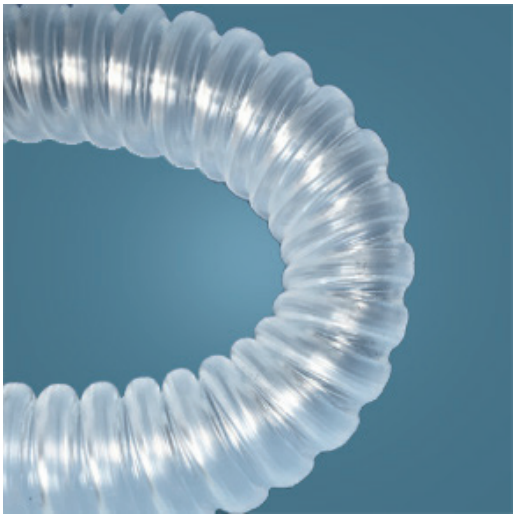
PFA				
Ø Outside	**Ø Inside****	**Wall thick-ness****	**Operating pressure***	**Burst pressure***
Inch	**mm/inch**	**mm/inch**	**bar/PSI**	**bar/PSI**
3/8″	6.3 / 1/4"	1.6 / 1/16"	12.7 / 184	32.0 / 464
1/2″	9.5 / 3/8"	1.6 / 1/16"	10.7 / 155	27.4 / 397
3/4″	15.8 / 5/8"	1.6 / 1/16"	5.8 / 84	12.5 / 181
1″	22.2 / 7/8"	1.6 / 1/16"	2.9 / 42	7.7 / 111

* At 20° C
** at the straight tube ends

Differences between our tubing and others

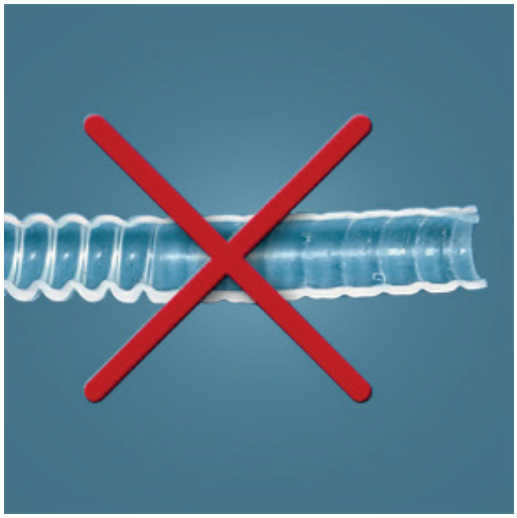
OUR:

Ends: straight and smooth



flexible and stable

OTHER:



Ends: wavy and dripping

fragile and unstable

Over 1000 dip tubes.

For every container and virtually any length. Over 1000 standard variants. Optional bellows-type length compensator for virtually complete emptying. In addition, the dip tubes can be pre-installed in the containers by the chemical supplier or the container manufacturer.
Safe, simple and clean.

SIMPLY CONFIGURE ONLINE!

Create your individual AS dispensing heads with just a few clicks.

www.mydispensehead.com

Corrugated PFA tubing

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

The AS QC-System® supplies chemical consumers from a wide range of industry sectors

Electronics	Semiconductors Solar power and photovoltaics Flat-screen displays
Industry	Electroplating Chemistry Printing / Paper Water treatment Automotive / Mechanical engineering Adhesives Glass Agriculture

Pharmaceuticals / Biotechnology / Cosmetics / Foodstuffs

Laboratories / Research institutes / Institutes

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QC® - an AS Strömungstechnik GmbH system. Made in Germany.
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