VERSILON®
Engineered Versatility

Versilon® ConvoFlex Tubing

FEP TUBING DESIGNED FOR USE WITH FLARE GRIP® FITTINGS

Versilon® ConvoFlex (Convoluted Flexible) tubing is specifically designed to be used with the Versilon line of Flare Grip® molded PFA flare fittings. There's no need for expensive straight cuffs — ConvoFlex is easily cold flared with our FastFLARE™ cold forming tools.

Versilon® ConvoFlex tubing resists chemicals and elevated temperatures. It is made from FDA-approved Teflon® FEP, offers read-through transparency, and features a spiral design that aids in self-flushing and cleaning. This tubing is used in the biotech, pharmaceutical, aerospace, semiconductor and chemical processing industries. Versilon® ConvoFlex tubing's outstanding flexibility, high dielectric strength and superior chemical resistance also make it an excellent choice for wire conduit.

Typical Applications

- Biotech
- Pharmaceutical
- Aerospace
- Semiconductor
- Chemical processing

Features and Benefits

- Flexible convoluted construction
- Available in FDA-approved Teflon® FEP and PFA as well as most other fluoropolymers
- Easily cold flared for use with Flare Grip® tube fittings
- Read-through transparency
- Virtually unlimited length capability
- Continuous flow path — self-flushing
- Excellent as chemically resistant wire conduit

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INDUSTRIAL & CONSUMER SOLUTIONS

Making a material impact around the world.

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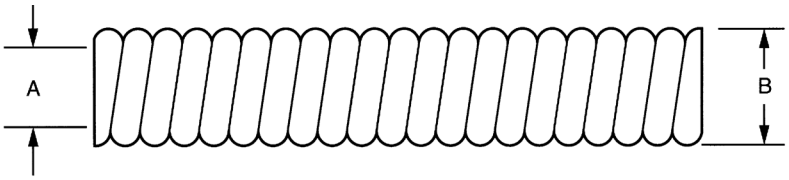
A I.D. (in)	B O.D. (in)	Wall Thickness (in)	Room Temp. Burst Pressure[1]	Bend Radius (in)	Cv[2]
1/4	3/8	0.020	100	1/2	0.31
3/8	1/2	0.023	70	3/4	0.83
1/2	5/8	0.025	60	1	1.64
5/8	3/4	0.025	50	1-1/2	2.78
3/4	7/8	0.025	40	2	4.56
7/8	1	0.025	38	2-1/2	8.20

Note: [1] Each individual application should be evaluated to determine the degree of safety factor to be used with these values.
[2] Based on a long radius sweep.



Diameters up to 4" are available on a custom run basis.

ConvoFlex tubing can also be made from a wide range of materials including, but not limited to PFA or FEP, PVDF, Tefzel® and Halar®.

The values listed for working and burst pressures are derived from tests conducted under controlled laboratory conditions. Many factors will reduce the tubing's ability to withstand pressures, including temperature, chemical attack, stress, pulsation and the attachment to fittings. It is imperative that the user conduct tests simulating the conditions of the application prior to specifying the tubing for use.

VERSILON® CONVOFLEX TUBING IS NOT INTENDED FOR USE AS AN IMPLANT MATERIAL.

FastFLARE™ is a trademark of PlastiTECH.
Halar® is a registered trademark of Ausimont.
Teflon® and Tefzel® are registered trademarks of DuPont.

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