



Versilon™ Con-T

Flexible Convoluted Tubing with Stainless Steel Reinforcing Coil

Versilon™ Con-T convoluted tubing is a companion to Versilon™ CT-Flex corrugated FEP or PFA tubing. Versilon™ Con-T tubing is helically convoluted PTFE with stainless steel reinforcing coil encircling the outer surfaces between the convolutions.

PTFE provides the highest available degree of chemical inertness, together with high-temperature operating capability, low wall friction and non-stick qualities.

The convoluted form provides much more flexibility than is possible with smooth bore tubing, and the continuous spiral aids self-flushing. The wire coil provides increased pressure and vacuum capability and aids in electrically grounding the system.

Barbed inserts are recommended for Versilon™ Con-T tubing.

Features and Benefits

- PTFE-based construction
- Unique chemical, electrical and thermal properties of PTFE polymer
- Vacuum service: 29.9 ambient in Hg
- Maximum continuous service temperature, 350°F (177°C)/0 pressure
- Available with straight ends

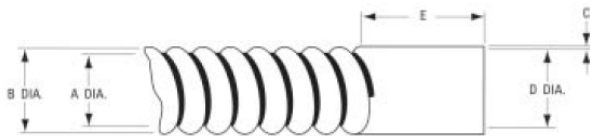
Typical Applications

- Chemical processing
- Petrochemical
- Automotive

Versilon™ Con-T

Part Number	A*	B	C	D	E	Min. Bend Diameter	Burst Pressure
	(in)	(in)	(in)	(in)	(in)	(in)	72 °F (psi)
Con-T 4	0.181	0.320	0.015	0.250	0.750	0.500	250
Con-T 5	0.273	0.414	0.020	0.3125	1.000	0.750	190
Con-T 6	0.303	0.450	0.020	0.375	1.000	0.875	210
Con-T 8	0.425	0.590	0.020	0.500	1.000	1.250	160
Con-T 10	0.485	0.660	0.025	0.625	1.250	1.500	140
Con-T 12	0.608	0.780	0.025	0.750	1.500	1.750	125
Con-T 16	0.849	1.100	0.030	1.000	2.000	2.230	125
Con-T 20	1.150	1.600	0.035	1.250	2.500	2.750	100
Con-T 24	1.410	1.910	0.040	1.500	2.500	3.000	80
Con-T 32	1.960	2.450	0.043	2.000	2.500	4.250	60
Con-T 40	2.470	3.190	0.062	2.500	3.000	5.000	60
Con-T 48	2.940	3.750	0.062	3.000	3.000	7.000	55
Con-T 64	3.940	4.750	0.062	4.000	3.000	9.000	50

*When ordering, be sure to specify proper size designation. A-size is a Minimum ID size. B-size is Maximum OD size.



Specifications

- Unique chemical, electrical and thermal properties of PTFE resins
- Maximum continuous service temperature, 450°F (227°C)/0 pressure
- Cuffs can be expanded to become shrinkable

NOTE: Wire must be restrained. Each individual application should be evaluated to determine the degree of safety factor to be used with these values.

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™ CON-T TUBING IS NOT INTENDED FOR USE AS AN IMPLANT MATERIAL.

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NOTE: The data and details given in this document are correct and up to date. This document is intended to provide information about the product and possible applications. This document is not the product specification and does not provide specific features, nor does it guarantee product performance in specific applications. Saint-Gobain cannot anticipate or control the conditions of the field and for this reason strongly recommends that practical tests are conducted to ensure that the product meets the requirements of a specific application.

Versilon™ is a trademark of Saint-Gobain Performance Plastics.