

FEP & PFA Retractable Coils

Retractable Coiled Tubing
holds its shape up to 300°F



Parker Hannifin produces retractable coiled tubing from fluoroplastic materials that are rated for critical service applications including elevated temperature and ultrapure fluid and gas dispensing applications. The coils are produced in a variety of sizes and custom lengths and can be designed with an internal tube that can be utilized as a dual containment system.

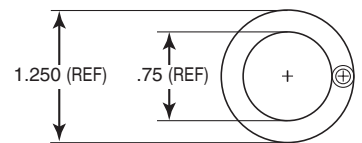
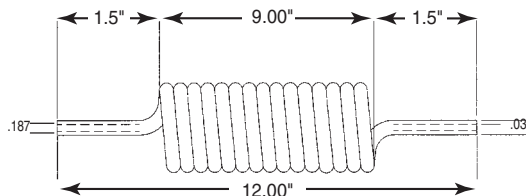
These materials (also referred to as fluoropolymers) are uniquely suited to handle the demanding requirements of chemical handling and ultrapure fluid dispensing applications. Coiled tubing can be provided in custom and standard lengths. Sizes range from 1/16" (1.58 mm) up to 2" (54.8 mm) I.D. Coils manufactured in FEP should remain stable up to 200°F (93°C). PFA will hold its shape up to 300°F (149°C). Above these temperatures the coils diminish and lose their shape.

For quoting purposes, the following information is required:

- Overall length of tube
- Overall length of coiled portion tubing
- Length of tails
- Number of coils (if relevant)
- Tube ID
- Wall thickness
- Coil ID



FEP or PFA Retractable Coil Tubing is also available in dual containment style



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Product Features:

- Exceptional flexibility and memory
- Manufactured from FDA & USP Class VI compliant FEP or PFA
- Low coefficient of friction facilitates easy cleaning and reduced flow restrictions
- Chemical resistant
- Low refractive index
- Non-wetting
- Continuous service temperature up to 300°F / 148°C depending on material
- High purity materials available



Fluoropolymer Retractable Coil Tubing

Series 703 FEP

Series 703 - FEP Retractable Coil Tubing

Part Number	Tube O.D.		Tube I.D.		Nominal Coil O.D.		Extended Length		Nominal Compact Length		Working Pressure 73°F (23°C)		Colors
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	psi	bar	
703-0250062-xx0003	1/4	6.35	1/8	3.18	1-1/2	38	12	305	3	76	375	25	○
703-0250062-xx0006							24	610	6	152			○
703-0250062-xx0012							48	1219	12	305			○
703-0250062-xx0018							72	1829	18	457			○
703-0375062-xx0003	3/8	9.68	1/4	6.35	2-3/8	60	12	305	3	76	240	16	○
703-0375062-xx0006							24	610	6	152			○
703-0375062-xx0012							48	1219	12	305			○
703-0375062-xx0018							72	1829	18	457			○
703-0500062-xx0003	1/2	12.88	3/8	9.68	4	102	12	305	3	76	175	12	○
703-0500062-xx0006							24	610	6	152			○
703-0500062-xx0012							48	1219	12	305			○

Series 704 - PFA Retractable Coil Tubing

Part Number	Tube O.D.		Tube I.D.		Nominal Coil O.D.		Extended Length		Nominal Compact Length		Working Pressure 73°F (23°C)		Colors
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	psi	bar	
704-0250062-xx0003	1/4	6.35	1/8	3.18	1-1/2	38	12	305	3	76	375	25	○
704-0250062-xx0006							24	610	6	152			○
704-0250062-xx0012							48	1219	12	305			○
704-0250062-xx0018							72	1829	18	457			○
704-0375062-xx0003	3/8	9.68	1/4	6.35	2-3/8	60	12	305	3	76	240	16	○
704-0375062-xx0006							24	610	6	152			○
704-0375062-xx0012							48	1219	12	305			○
704-0375062-xx0018							72	1829	18	457			○
704-0500062-xx0003	1/2	12.88	3/8	9.68	4	102	12	305	3	76	175	12	○
704-0500062-xx0006							24	610	6	152			○
704-0500062-xx0012							48	1219	12	305			○

Series 705 - High Purity PFA Retractable Coil Tubing

Part Number	Tube O.D.		Tube I.D.		Nominal Coil O.D.		Extended Length		Nominal Compact Length		Working Pressure 73°F (23°C)		Colors
	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	psi	bar	
704-0250062-xx0003	1/4	6.35	1/8	3.18	1-1/2	38	12	305	3	76	420	28	○
704-0250062-xx0006							24	610	6	152			○
704-0250062-xx0012							48	1219	12	305			○
704-0250062-xx0018							72	1829	18	457			○
704-0375062-xx0003	3/8	9.68	1/4	6.35	2-3/8	60	12	305	3	76	200	13	○
704-0375062-xx0006							24	610	6	152			○
704-0375062-xx0012							48	1219	12	305			○
704-0375062-xx0018							72	1829	18	457			○
704-0500062-xx0003	1/2	12.88	3/8	9.68	4	102	12	305	3	76	150	10	○
704-0500062-xx0006							24	610	6	152			○
704-0500062-xx0012							48	1219	12	305			○