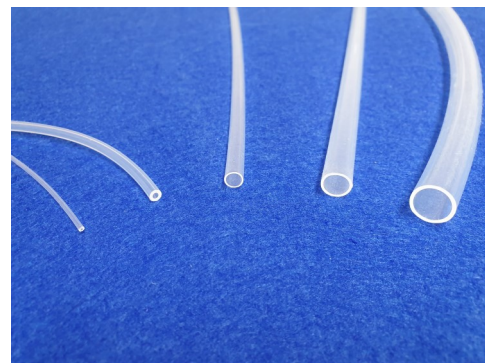


FEP Tubing

FEP has very similar properties to PTFE, but has a lower maximum operating temperature of 200°C. However, this fluoroplastic can be processed by normal plastic methods.

FEP tube is available in many standard sizes, from 0.20mm to 113mm ID.

Each application has different demands and requirements, so we also produce special custom FEP tubing to order.



FEP Tubing Unique Properties

- ◆ Long continuous lengths
- ◆ Welding and re-moulding potential
- ◆ High working temperature of +200°C
- ◆ Low working temperature of -200°C
- ◆ Non-stick characteristics
- ◆ Low friction surface
- ◆ Very high resistance to chemicals and solvents
- ◆ Very high electrical resistance
- ◆ Bio-compatibility

For more information about our FEP Tubing, please visit [adtech.co.uk](https://www.adtech.co.uk).

For other custom sizes or technical assistance, contact our customer service team:

+44 (0)1285 762000 - sales@adtech.co.uk.

Standard Metric FEP Tubing Sizes: 0.20mm to 1.90mm ID

Nom. ID (mm)	Nom. OD (mm)	Wall (mm)	Adtech Part No	USA Ref.	Series Type	Product Status
0.25	1.59	0.67	FT0.25X1.59		Standard wall	O
0.40	1.60	0.60	FT0.4X1.6		Standard wall	A
0.50	1.60	0.55	FT0.5X1.6		Standard wall	A
0.60	1.80	0.60	FT0.6X1.8		Standard wall	O
0.70	1.10	0.20	FT0.7X1.1		Light wall	A
0.70	1.60	0.45	FT0.7X1.6		Light wall	A
0.70	1.70	0.50	FT0.7X1.7		Standard wall	O
0.80	1.00	0.10	FT0.8X1.0		Ultra thin wall	O
0.80	1.60	0.40	FT0.8X1.6		Light wall	A
0.80	1.80	0.50	FT0.8X1.8		Standard wall	O
0.80	2.10	0.65	FT0.8X2.1		Standard wall	O
1.00	1.60	0.30	FT1X1.6		Light wall	A
1.00	2.00	0.50	FT1X2		Standard wall	A
1.00	2.50	0.75	FT1X2.5		Standard wall	O
1.10	1.50	0.20	FT1.1X1.5		Light wall	A
1.10	1.60	0.25	FT1.1X1.6		Light wall	A
1.24	1.64	0.20	FT1.24X1.64		Light wall	O
1.27	1.67	0.20	FT1.27X1.67		Light wall	O
1.30	1.60	0.15	FT1.3X1.6		Light wall	A
1.30	1.70	0.20	FT1.3X1.7#		Light wall	O
1.50	2.10	0.30	FT1.5X2.1		Light wall	A
1.50	2.50	0.50	FT1.5X2.5		Standard wall	A
1.50	3.00	0.75	FT1.5X3		Standard wall	A
1.60	3.20	0.80	FT1.6X3.2		Standard wall	A
1.90	2.50	0.30	FT1.9X2.5	AWG13T	Light wall	A

Adtech part numbers shown in **bold type** are preferred sizes and are normally available ex-stock.

Product Status: A = Normally available from stock, O = Made to order

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Standard Metric FEP Tubing Sizes: 2mm to 5.70mm ID

Nom. ID (mm)	Nom. OD (mm)	Wall (mm)	Adtech Part No	USA Ref.	Series Type	Product Status
2.00	2.40	0.20	FT2X2.4		Light wall	A
2.00	3.00	0.50	FT2X3		Standard wall	A
2.00	4.00	1.00	FT2X4		Thick wall	A
2.10	2.30	0.10	FT2.1X2.3		Ultra thin wall	A
2.40	3.20	0.40	FT2.4X3.2		Light wall	A
2.44	2.95	0.26	FT2.44X2.95		Light wall	O
2.60	2.80	0.10	FT2.6X2.8		Ultra thin wall	O
2.70	3.10	0.20	FT2.7X3.1	AWG10L	Light wall	A
3.00	3.60	0.30	FT3X3.6		Light wall	O
3.00	4.00	0.50	FT3X4		Standard wall	A
3.00	5.00	1.00	FT3X5		Thick wall	A
3.40	3.80	0.20	FT3.4X3.8	AWG8L	Light wall	A
3.40	4.20	0.40	FT3.4X4.2	AWG8T	Light wall	A
3.60	4.20	0.30	FT3.6X4.2		Light wall	A
3.80	4.50	0.35	FT3.8X4.5	AWG7T	Light wall	A
3.80	4.30	0.25	FT3.8X4.3		Light wall	A
4.00	5.00	0.50	FT4X5		Standard wall	A
4.00	6.00	1.00	FT4X6		Thick wall	A
4.00	6.30	1.15	FT4X6.3		Thick wall	O
4.50	5.50	0.50	FT4.5X5.5		Standard wall	O
4.60	5.20	0.30	FT4.6X5.2		Light wall	A
5.00	6.00	0.50	FT5X6		Standard wall	A
5.00	8.00	1.50	FT5X8		Thick wall	A
5.50	6.00	0.25	FT5.5X6		Light wall	A
5.70	6.70	0.50	FT5.7X6.7		Standard wall	A

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Standard Metric FEP Tubing Sizes: 6mm to 14mm ID

Nom. ID (mm)	Nom. OD (mm)	Wall (mm)	Adtech Part No	USA Ref.	Series Type	Product Status
6.00	6.60	0.30	FT6X6.6		Light wall	A
6.00	7.00	0.50	FT6X7		Standard wall	A
6.00	8.00	1.00	FT6X8		Thick wall	A
6.40	7.00	0.30	FT6.4X7		Light wall	O
6.50	8.00	0.75	FT6.5X8		Standard wall	A
6.60	7.20	0.30	FT6.6X7.2		Light wall	O
7.00	7.60	0.30	FT7X7.6		Light wall	A
7.00	8.00	0.50	FT7X8		Standard wall	A
7.00	8.50	0.75	FT7X8.5		Standard wall	O
7.50	8.00	0.25	FT7.5X8		Light wall	A
7.50	9.00	0.75	FT7.5X9		Standard wall	O
7.50	10.00	1.25	FT7.5X10		Thick wall	O
7.60	8.40	0.40	FT7.6X8.4		Light wall	O
8.00	8.60	0.30	FT8X8.6		Light wall	O
8.00	10.00	1.00	FT8X10		Thick wall	A
9.00	10.00	0.50	FT9X10		Standard wall	A
9.00	9.90	0.45	FT9X9.9		Light wall	O
9.50	10.00	0.25	FT9.5X10		Light wall	A
10.00	11.00	0.50	FT10X11		Standard wall	A
10.00	11.50	0.75	FT10X11.5		Standard wall	O
10.00	12.00	1.00	FT10X12		Thick wall	A
11.00	12.00	0.50	FT11X12		Standard wall	A
11.60	12.10	0.25	FT11.6X12.1		Light wall	O
13.00	13.50	0.25	FT13X13.5		Light wall	A
13.00	14.00	0.50	FT13X14		Standard wall	A
13.50	15.20	0.85	FT13.5x15.2		Standard wall	O
14.00	15.00	0.50	FT14X15		Standard wall	A

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Standard Metric FEP Tubing Sizes: 15mm to 39mm ID

Nom. ID (mm)	Nom. OD (mm)	Wall (mm)	Adtech Part No	USA Ref.	Series Type	Product Status
15.00	15.50	0.25	FT15X15.5		Light wall	A
16.00	16.50	0.25	FT16X16.5		Light wall	A
16.00	17.00	0.50	FT16X17		Standard wall	A
17.80	18.80	0.50	FT17.8X18.8		Standard wall	O
18.50	21.50	1.50	FT18.5X21.5		Thick wall	O
19.00	19.50	0.25	FT19X19.5		Light wall	A
19.00	20.00	0.50	FT19X20		Standard wall	A
19.00	22.00	1.50	FT19X22		Thick wall	A
20.00	23.00	1.50	FT20X23		Thick wall	O
23.00	23.50	0.25	FT23X23.5		Light wall	A
23.00	24.00	0.50	FT23X24		Standard wall	A
23.00	26.00	1.50	FT23X26		Thick wall	O
25.00	26.50	0.75	FT25X26.5#		Standard wall	O
25.90	26.90	0.50	FT25.9X26.9		Standard wall	O
27.00	27.50	0.25	FT27X27.5		Light wall	A
27.00	28.00	0.50	FT27X28		Standard wall	A
29.00	32.00	1.50	FT29X32		Thick wall	O
32.00	32.50	0.25	FT32X32.5		Light wall	A
32.00	33.00	0.50	FT32X33		Standard wall	A
36.00	49.50	6.75	FT36X49.5		Thick wall	O
37.00	40.00	1.50	FT37X40		Thick wall	O
39.00	39.50	0.25	FT39X39.5		Light wall	A

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Standard Metric FEP Tubing Sizes: 40mm to 113mm ID

Nom. ID (mm)	Nom. OD (mm)	Wall (mm)	Adtech Part No	USA Ref.	Series Type	Product Status
40	41	0.50	FT40X41		Standard wall	A
46	46.50	0.25	FT46X46.5		Light wall	A
46	47	0.50	FT46X47		Standard wall	A
49	52	1.50	FT49X52		Thick wall	O
56	57	0.50	FT56X57		Standard wall	A
65	66	0.50	FT65X66		Standard wall	A
80	80.50	0.25	FT80X80.5		Light wall	O
80	81	0.50	FT80X81		Standard wall	O
95	96	0.50	FT95X96		Standard wall	A
98	101	1.50	FT98X101		Thick wall	O
113	114.5	0.75	FT113X114.5		Standard wall	O

Standard Imperial FEP Tubing Sizes: 1/8" to 11/16" ID

Nom. ID (inch)	Nom. ID (mm)	Nom. OD (inch)	Nom. OD (mm)	Wall (mm)	Adtech Part No	Series Type	Product Status
1/8	3.18	3/16	4.76	0.79	FT1/8X3/16	Standard wall	A
1/8	3.18	1/4	6.35	1.59	FT1/8X1/4	Thick wall	A
3/16	4.76	1/4	6.35	0.80	FT3/16X1/4	Standard wall	A
1/4	6.35	3/8	9.50	1.58	FT1/4X3/8	Thick wall	A
5/16	7.92	3/8	9.53	0.81	FT5/16X3/8	Standard wall	A
3/8	9.53	7/16	11.12	0.80	FT3/8X7/16	Standard wall	O
3/8	9.53	1/2	12.70	1.59	FT3/8X1/2	Thick wall	A
1/2	12.70	5/8	15.88	1.59	FT1/2X5/8	Thick wall	A
5/8	15.88	3/4	19.05	1.59	FT5/8X3/4	Thick wall	A
11/16	17.47	3/4	19.05	0.79	FT11/16X3/4	Standard wall	O

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