

Convoluted PTFE tubing



Polyfluor delivers spiral convoluted PTFE tubing in natural design and optimal flexibility. Also available in anti-static design (black) or with straight ends (for the use of connectors/fittings). Besides PTFE, we also deliver convoluted tubing in PFA, FEP or PVDF.

Our convoluted PTFE tubing can be delivered with Stainless Steel braid as well. See section PTFE high pressure hoses, type EBH.

Key properties of convoluted PTFE tubing

- Almost absolutely chemical inert
- Applications from -50 up to 260°C
- Electric isolated (high dielectricity)
- FDA- approved (suitable for food industry)
- No attachment (easily to clean)
- UV-resistant (does not age)
- Vacuum lasting up to 90%

Nominal bore			OD mm	Tol. OD mm	Wall mm	Tol. wall mm	Pitch mm	Min. BR mm
inch	mm	Tol						
1/4"	6,00	+/- 0,25	10,0	0,60	0,65	+/- 0,10	5 +/- 0,5	10
5/16"	8,00	+/- 0,25	12,0	0,60	0,65	+/- 0,10	5 +/- 0,5	15
3/8"	10,00	+/- 0,35	14,5	0,75	0,65	+/- 0,10	5 +/- 0,5	20
1/2"	13,00	+/- 0,40	18,0	0,75	0,90	+/- 0,10	6 +/- 0,5	25
5/8"	16,00	+/- 0,40	21,0	0,85	0,90	+/- 0,10	6 +/- 0,5	30
3/4"	20,00	+/- 0,40	28,0	1,00	1,00	+/- 0,10	8 +/- 0,5	50
1"	25,00	+/- 0,50	34,0	1,00	1,10	+/- 0,10	8 +/- 0,5	60
1 1/4"	32,00	+/- 0,50	42,0	1,00	1,15	+/- 0,10	10 +/- 0,5	80
1 1/2"	37,00	+/- 0,50	47,0	0,85	1,45	+/- 0,15	10 +/- 0,5	100
1 3/4"	45,00	+/- 0,50	57,0	1,00	1,45	+/- 0,15	12 +/- 0,6	120
2"	50,00	+/- 1,00	61,0	1,00	1,50	+/- 0,15	12,5 +/- 0,6	125
2 1/4"	57,00	+/- 1,00	73,0	1,00	1,50	+/- 0,15	16 +/- 0,8	150
2 1/2"	63,00	+/- 1,00	82,0	0,85	1,50	+/- 0,15	18 +/- 0,9	175
3"	74,00	+/- 1,50	92,0	1,00	1,50	+/- 0,15	20 +/- 1,0	200
4"	100,00	+/- 2,00	125,0	1,00	2,00	+/- 0,20	24 +/- 1,2	225
5"	125,00	+/- 2,00	152,0	1,00	2,50	+/- 0,25	30 +/- 1,5	235
6"	150,00	+/- 2,00	180,0	0,85	2,50	+/- 0,25	30 +/- 1,5	250

Above mentioned dimensions are our standard.

Other dimensions available on request.