

PRODUCT SPECIFICATION SHEET

Product Name: Polytetrafluoroethylene (PTFE) Convuluted Tubing - Standard

Property	Value
Dielectric Strength	14V per mil
Operating Temperature	-454° to 500° F [-270° to 260° C]
Limiting Oxygen Index	>95
Rating	MIL-T-81914 (/2 standard flex, /2 extra flex) FDA Approved USP Class VI approved ETO & Autoclave Sterilizable UL 94 V-0

Standard Flex PTFE Convuluted Tubing

Size	Max I.D	Min I.D	Max O.D	Max Wall Thickness	Conv/Inch +/- 1	Weight (Lbs) Per CFT Max	Min Bend Radius
3/16"	0.188	0.181	0.3	0.023	8	2	0.5
1/4"	0.281	0.273	0.414	0.027	7-1/2	2.9	0.75
5/16"	0.312	0.303	0.45	0.027	7-1/2	3.6	0.875
3/8"	0.375	0.364	0.53	0.029	7	4.2	1
7/16"	0.437	0.425	0.59	0.029	7	4.9	1.25
1/2"	0.5	0.485	0.66	0.029	7	5.2	1.5
5/8"	0.625	0.608	0.78	0.035	7	6.9	1.75
3/4"	0.75	0.73	0.975	0.035	6	10.4	1.875
7/8"	0.875	0.85	1.1	0.035	6	11.3	2.25
1"	1	0.975	1.26	0.035	4-1/2	12.6	2.5
1-1/4"	1.25	1.21	1.539	0.035	4	15.5	3
1-1/2"	1.5	1.44	1.85	0.04	4	21.7	3.75
2"	2	1.94	2.35	0.045	4	29	4.75

PRODUCT SPECIFICATION SHEET

Product Name: Polytetrafluoroethylene (PTFE) Convuluted Tubing - Extra Flex

Property	Value
Dielectric Strength	14V per mil
Operating Temperature	-454° to 500° F [-270° to 260° C]
Limiting Oxygen Index	>95
Rating	MIL-T-81914 (/2 standard flex, /2 extra flex) FDA Approved USP Class VI approved ETO & Autoclave Sterilizable UL 94 V-0

EXTRA Flex PTFE Convuluted Tubing

Size	Max I.D	Min I.D	Max O.D	Max Wall Thickness	Conv/Inch +/- 1	Weight (Lbs) Per CFT Max	Min Bend Radius
3/16"	0.188	0.181	0.32	0.023	10	2.2	0.313
1/4"	0.281	0.273	0.414	0.026	9	3.8	0.438
5/16"	0.312	0.306	0.45	0.027	9	4.8	0.438
3/8"	0.375	0.364	0.53	0.029	9	5.6	0.5
7/16"	0.437	0.427	0.59	0.029	9	6.5	0.5
1/2"	0.5	0.485	0.66	0.029	9	6.9	0.75
5/8"	0.625	0.608	0.78	0.029	9	9.2	0.75
3/4"	0.75	0.73	0.975	0.035	8	13.8	0.938
7/8"	0.875	0.86	1.1	0.035	8	15	0.938
1"	1	0.975	1.26	0.035	7	16.8	1.125
1-1/4"	1.25	1.21	1.539	0.035	6	19.6	1.125
1-1/2"	1.5	1.45	1.81	0.038	6	26	2