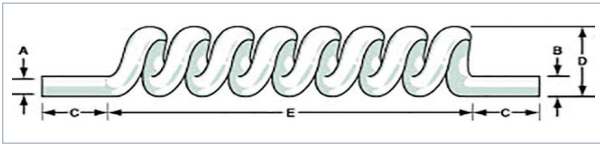




HANNA RUBBER COMPANY

Specification Sheet



Physical Properties

Hardness, Shore D	50-65
Tensile Strength at Break, psi	3500
Elongation at Break, %	200-400
Embrittlement Temperature	-450°F
Min. Operating Temp. for Tubing^^	-100°F
Max. Operating Temp. for Tubing^^	500°F

Convoluted PTFE Tubing

- Translucent PTFE tubing offers excellent chemical and electrical properties
- Wire coil provides increased pressure capability and aids in electrical grounding
- Easily flexed – spiral construction allows far greater flexibility than straight wall tubing
- Spiral construction also allows for easier cleaning
- Made from FDA compliant materials
- Available to Military Specification MIL-T-81914/1^ (without wire only)

Convoluted PTFE Without Wire

Product Number	(A) ID (in.)	(B) Nominal Cuff Lengths (in.)	(C) Wall (in.)	(D) Nominal Convolution OD (in.)	(F) Nominal Convolution ID (in.)	Bend Radius	(E) Maximum Available Lengths Including cuffs (ft.)	Working PSI (at 72°F)	Burst PSI (at 72°F)
16-3500070	.250 (1/4)	.750 (3/4)	0.015	0.32	0.181	.500 (1/2)	125	45	180
16-3500147	.313 (5/16)	1.000	0.02	0.414	0.273	.750 (3/4)	125	48	192
16-3500224	.375 (3/8)	1.000	0.02	0.45	0.303	1.750 (1-3/4)	125	40	160
16-3500301	.500 (1/2)	1.000	0.02	0.59	0.425	1.250 (1-1/4)	100	30	120
16-3500378	.625 (5/8)	1.250 (1-1/4)	0.023	0.66	0.485	1.500 (1-1/2)	75	30	120
16-3500455	.750 (3/4)	1.500 (1-1/2)	0.025	0.78	0.608	1.750 (1-3/4)	75	25	100
16-3500532	1.000	2.000	0.03	1.1	0.849	2.230	50	22	90
16-3500609	1.250 (1-1/4)	2.500 (2-1/2)	0.035	1.56	1.15	2.750 (2-3/4)	40	21	85
16-3500686	1.500 (1-1/2)	2.500 (2-1/2)	0.04	1.91	1.41	3.000	40	20	80
16-3500763	2.000	2.500 (2-1/2)	0.043	2.45	1.955	4.250 (4-1/4)	40	16	65

Convoluted PTFE With Wire

16-3520076	.250 (1/4)	.750 (3/4)	0.015	0.32	0.181	.500 (1/2)	12	58	234
16-3520153	.313 (5/16)	1.000	0.02	0.414	0.273	.750 (3/4)	12	62	250
16-3520230	.375 (3/8)	1.000	0.02	0.45	0.303	1.750 (1-3/4)	12	52	208
16-3520307	.500 (1/2)	1.000	0.02	0.59	0.425	1.250 (1-1/4)	20	39	156
16-3520461	.750 (3/4)	1.500 (1-1/2)	0.023	0.78	0.608	1.750 (1-3/4)	20	32	130
16-3520538	1.000	2.000	0.03	1.1	0.849	2.250 (2-1/4)	20	29	117

Hanna Rubber accepts no responsibility for results obtained. Each user of these products, or information, should perform their own tests to determine the suitability of the material. Hanna Rubber does not guarantee that the user will obtain the same results. The data and information are subject to change without notice.