

### Nylon Fractional Inch Tubing

Tube O.D. in	Tube I.D. in	Wall in	Tolerance O.D. (in)	Tolerance Wall (in)	Min. Bend Radius (in)	Weight / 1000' (lbs)	Working PSI @ 68°F	Burst PSI @ 68°F	Working PSI @ 125°F
1/8	0.080	0.023	+ .002/- .003	+ .002/- .002	1/4	3.3	500	1500	350
1/8	0.093	0.016	+ .002/- .003	+ .002/- .002	1/2	2.5	267	800	187
5/32	0.106	0.025	+ .002/- .003	+ .002/- .002	5/8	4.8	333	1000	233
3/16	0.137	0.025	+ .003/- .003	+ .002/- .002	3/4	5.8	267	800	187
1/4	0.180	0.035	+ .002/- .004	+ .002/- .002	7/8	10.9	333	1000	233
1/4	0.125	0.062	+ .002/- .004	+ .002/- .002	1-1/4	16.9	667	2000	467
1/4	0.170	0.040	+ .002/- .004	+ .002/- .002	7/8	12.2	400	1200	280
5/16	0.232	0.040	+ .003/- .003	+ .002/- .002	1	15.7	333	1000	233
3/8	0.275	0.050	+ .002/- .006	+ .003/- .003	1-1/4	23.3	333	1000	233
1/2	0.375	0.062	+ .002/- .006	+ .003/- .003	2-1/4	39	267	800	187

### Nylon Metric Tubing

Tube O.D. in	Tube I.D. in	Wall in	Tolerance O.D. (in)	Tolerance Wall (in)	Min. Bend Radius (in)	Weight / 1000' (lbs)	Working PSI @ 68°F	Burst PSI @ 68°F	Working PSI @ 125°F
4mm	2.7mm	0.65mm	+0.05/-0.10mm	+0.05/-0.10mm	24mm	4.9	367	1100	257
4mm	2mm	1mm	+0.05/-0.10mm	+0.05/-0.10mm	24mm	6.8	667	2000	467
5mm	3mm	1mm	+0.05/-0.10mm	+0.05/-0.10mm	30mm	9	500	1500	350
6mm	4mm	1mm	+0.05/-0.10mm	+0.05/-0.10mm	36mm	11.2	400	1200	280
8mm	6mm	1mm	+0.05/-0.10mm	+0.05/-0.10mm	48mm	15.8	283	850	198
10mm	8mm	1mm	+0.10/-0.10mm	+0.05/-0.10mm	60mm	20.2	200	600	140
10mm	7.5mm	1.25mm	+0.10/-0.10mm	+0.05/-0.10mm	70mm	24.6	267	800	187
12mm	9.5mm	1.25mm	+0.10/-0.10mm	+0.05/-0.10mm	70mm	30.1	233	700	163
14mm	12mm	1mm	+0.10/-0.10mm	+0.05/-0.10mm	100mm	29.1	133	400	93

### Polyethylene Fractional Inch Tubing

Tube O.D. in	Tube I.D. in	Wall in	Tolerance O.D. (in)	Tolerance Wall (in)	Min. Bend Radius (in)	Weight / 1000' (lbs)	Working PSI @ 68°F	Burst PSI @ 68°F	Working PSI @ 125°F
1/4	0.170	0.040	+ .002/- .004	+ .003/- .003	3/4	10.9	167	500	107
5/16	0.190	0.062	+ .003/- .003	+ .003/- .003	5/8	20.2	200	600	128
3/8	0.250	0.062	+ .002/- .006	+ .004/- .004	1-1/8	25.3	167	500	107
1/2	0.375	0.062	+ .002/- .006	+ .004/- .004	2-1/8	35.5	133	400	85

### Polyethylene Metric Tubing

Tube O.D. in	Tube I.D. in	Wall in	Tolerance O.D. (in)	Tolerance Wall (in)	Min. Bend Radius (in)	Weight / 1000' (lbs)	Working PSI @ 68°F	Burst PSI @ 68°F	Working PSI @ 125°F
4mm	2.5mm	0.75mm	+0.05/-0.10mm	+0.05/-0.10mm	12mm	5	200	600	128
6mm	4mm	1mm	+0.05/-0.10mm	+0.05/-0.10mm	36mm	10.2	167	500	107
8mm	6mm	1mm	+0.05/-0.10mm	+0.05/-0.10mm	48mm	14.2	117	350	75
10mm	8mm	1mm	+0.05/-0.10mm	+0.05/-0.10mm	60mm	18.3	83	250	53

### Ny-Shield® Tubing

**NEW!**

Ny-Shield Tubing is 95A Durometer Polyurethane Tubing with a flame retardant outer jacket to protect the tubing from sparks associated with welding. Available in a variety of sizes with several jacket colors as straight tubing and coiled hoses.

Ask for [Product Bulletin TB01D](#) for complete details!