



UNREINFORCED TUBING 10

UNREINFORCED TUBING

G400... COPPER TUBING

The copper tubing shown here is soft copper (annealed temper) tube that is easily bent and formed, and suitable for easy use with compression and flare type fittings. It is not used for residential or commercial water supply installations. Generally domestic waster copper lines are rigid drawn tubing of hard temper that is supplied in 12 foot straight lengths, and is supplied according to local code requirements (generally ASTM B88 TYPE K, L or M).

Other types available on special order are polyethylene coated copper tubing to ASTM B88/B837 for underground gas installations and ASTM B837 TYPE G for above ground natural gas and propane supply.

Note: For building installations, users should check local building codes to determine requirements.



Construction: Soft annealed, seamless, bright finish copper tubing

O.D.	Part Number	Wall Thickness	Working Pressure at 20°C	Weight per ft	PRICE PER FOOT		Standard Length
					Cut	Std Length	
G400 ASTM B75 for general air, water, and automotive use							
1/8"	G400-02	0.030"	2400 psi	0.035 lb	\$ 1.20	\$ 1.10	25 ft
3/16	G400-03	0.030	1600	0.058	1.55	1.45	25
1/4	G400-04	0.030	1200	0.080	1.75	1.70	25
5/16	G400-05	0.032	1020	0.109	2.20	2.10	25
3/8	G400-06	0.032	850	0.134	2.50	2.40	25
1/2	G400-08	0.032	640	0.182	3.50	3.30	25
G400ACR ASTM B280 cleaned and capped for air conditioning and refrigeration (ACR) use							
1/8	G400ACR-02	0.030"	2400	0.035	1.25	1.15	50
3/16	G400ACR-03	0.030	1600	0.058	1.55	1.45	50
1/4	G400ACR-04	0.030	1200	0.080	1.80	1.70	50 or 100
5/16	G400ACR-05	0.032	1020	0.109	2.30	2.20	50
3/8	G400ACR-06	0.032	850	0.134	2.70	2.50	50 or 100
1/2	G400ACR-08	0.032	640	0.182	3.70	3.50	50 or 100
5/8	G400ACR-10	0.035	560	0.251	4.90	4.60	50 or 100
3/4	G400ACR-12	0.035	470	0.305	5.90	5.50	50
G400K ASTM B88 TYPE K heavy wall for water service, natural and propane gas							
3/8	G400K-06	0.035	900	0.145	3.70	3.40	50 or 100
1/2	G400K-08	0.049	990	0.269	5.50	5.20	50 or 100
5/8	G400K-10	0.049	780	0.344	7.10	6.80	50 or 100
3/4	G400K-12	0.049	640	0.418	8.90	8.50	50

Due to fluctuations in the market price of copper, tubing prices may vary over the course of a year. Please contact us for a current quotation.

UNREINFORCED TUBING

Green Line Clear Vinyl Tubing is soft, easy to handle, and crystal clear to allow full view of the materials being conveyed. It is non-toxic to handle beer and wine, drinking water, fruit juices, soft drinks, and other foods and beverages. G900 is popular for photographic and soap solutions, mild chemicals and acids, and general laboratory use.

G900... CLEAR VINYL

Construction: Clear with a slight blue tint, smooth, weather resistant PVC tubing that is in compliance with FDA, USDA, 3A, and California Proposition 65 requirements. Durometer rating Shore "A" 72 to 75. Phthalate free.

Temperature Range: - 5°C (23°F) to 70°C (158°F).

Packaging: Sizes 1/8" through 7/8" are individually boxed. Sizes 1" and up are individually wrapped.

G900



I.D.	Part Number	O.D.	Wall Thickness	Working Pressure at 20°C	Weight per ft	PRICE PER FOOT		Standard Length
						Cut	Box	
1/8"	G900-013-025	1/4"	1/16"	65 psi	0.020 lb	\$ 0.30	\$ 0.19	100 ft
3/16	G900-019-025	1/4	1/32	50	0.012	0.28	0.18	100
3/16	G900-019-031	5/16	1/16	55	0.027	0.42	0.24	100
3/16	G900-019-038	3/8	3/32	60	0.045	0.77	0.49	100
1/4	G900-025-038	3/8	1/16	55	0.034	0.48	0.27	100
5/16	G900-031-044	7/16	1/16	50	0.040	0.54	0.29	100
3/8	G900-038-050	1/2	1/16	45	0.047	0.62	0.35	100
3/8	G900-038-056	9/16	3/32	50	0.075	0.90	0.64	100
3/8	G900-038-063	5/8	1/8	55	0.107	1.21	0.87	100
7/16	G900-044-056	9/16	1/16	38	0.054	0.87	0.57	100
1/2	G900-050-063	5/8	1/16	30	0.060	0.77	0.49	100
1/2	G900-050-069	11/16	3/32	40	0.095	1.10	0.78	100
1/2	G900-050-075	3/4	1/8	45	0.134	1.35	1.00	100
5/8	G900-063-088	7/8	1/8	40	0.161	1.75	1.20	100
3/4	G900-075-100	1	1/8	35	0.190	1.95	1.35	100
7/8	G900-088-113	1 1/8	1/8	30	0.210	2.50	1.70	100
1	G900-100-125	1 1/4	1/8	25	0.240	2.75	1.85	100
1 1/4	G900-125-150	1 1/2	1/8	20	0.300	3.20	2.20	50
1 1/2	G900-150-188	1 7/8	3/16	30	0.540	5.30	3.90	50
2	G900-200-250	2 1/2	1/4	35	0.960	9.00	7.20	50

Pitot tubing is used to connect the speedometer pressure sensor on a boat hull to the speedometer gauge on the instrument dash.

G900B... PITOT TUBING

Construction: Black, smooth, weather resistant PVC tubing.
Temperature Range: -5°C (23°F) to 65°C (150°F)

G900B



I.D.	Part Number	O.D.	Wall Thickness	Working Pressure	Weight per ft	PRICE PER FOOT			Standard Length	
						Cut	Coil	Bulk	Coil	Bulk
5/32"	G900B-016-024	0.24"	0.04"	30 psi	0.015 lb	\$ 0.55	\$ 0.39	\$ 0.34	100 ft	1200 ft

UNREINFORCED TUBING

G900G is an unreinforced tubing typically used for open ended low pressure feed or drain lines in green houses. For higher pressure service, see G901Y in the water section of this catalog.

G900G... VINYL IRRIGATION TUBING

Construction: Black flexible PVC tube with green cover.

Temperature Range: -5°C (23°F) to 70°C (158°F).

G900G

I.D.	Part Number	O.D.	Wall Thickness	Working Pressure at 20°C	Weight per ft	PRICE PER FOOT Cut	Std Length	Standard Length
Green								
5/8"	G900G-063-081	13/16"	3/32"	40 psi	0.12 lb	\$ 0.95	\$ 0.75	100 or 200 ft
3/4	G900G-075-100	1	1/8	35	0.21	1.15	0.93	100 or 200
1	G900G-100-125	1 1/4	1/8	25	0.28	1.70	1.55	100 or 200

G1700 Polyurethane tubing is formulated for good resistance to gasoline and solvents. It is extremely resilient and kink-resistant and stays flexible at very low temperatures. Because of these useful characteristics, G1700 is used as a fuel line on small gas engines, especially where it is helpful to see the fuel in the line. Polyurethane tubing is often also used as a sleeve over wire cable to prevent the wire from chafing.

G1700... POLYURETHANE TUBING

Construction: Smooth, yellow-tinted clear ether-based Polyurethane tubing.

Temperature Range: -50°C (-58°F) to 70°C (158°F)

G1700

I.D.	Part Number	O.D.	Wall Thickness	Working Pressure at 20°C	Weight per ft	PRICE PER FOOT Cut	Std Length	Standard Length
1/8"	G1700-013-025	1/4"	1/16"	180 psi	0.02 lb	\$ 0.70	\$ 0.56	100 ft
3/16	G1700-019-031	5/16	1/16	150	0.03	0.95	0.78	100
1/4	G1700-025-038	3/8	1/16	130	0.05	1.15	0.89	100
5/16	G1700-031-044	7/16	1/16	130	0.08	1.35	1.10	100
3/8	G1700-038-050	1/2	1/16	120	0.08	1.60	1.22	100
1/2	G1700-050-075	3/4	1/8	90	0.13	5.00	3.80	100
3/4	G1700-075-100	1	1/8	50	0.18	7.20	6.30	50

UNREINFORCED TUBING

G800 Polyethylene Tubing has excellent chemical resistance, and is very resistant to stress cracking. Polyethylene tubing is widely used for air instrumentation and control, water and beverage, and chemical lines.

G800

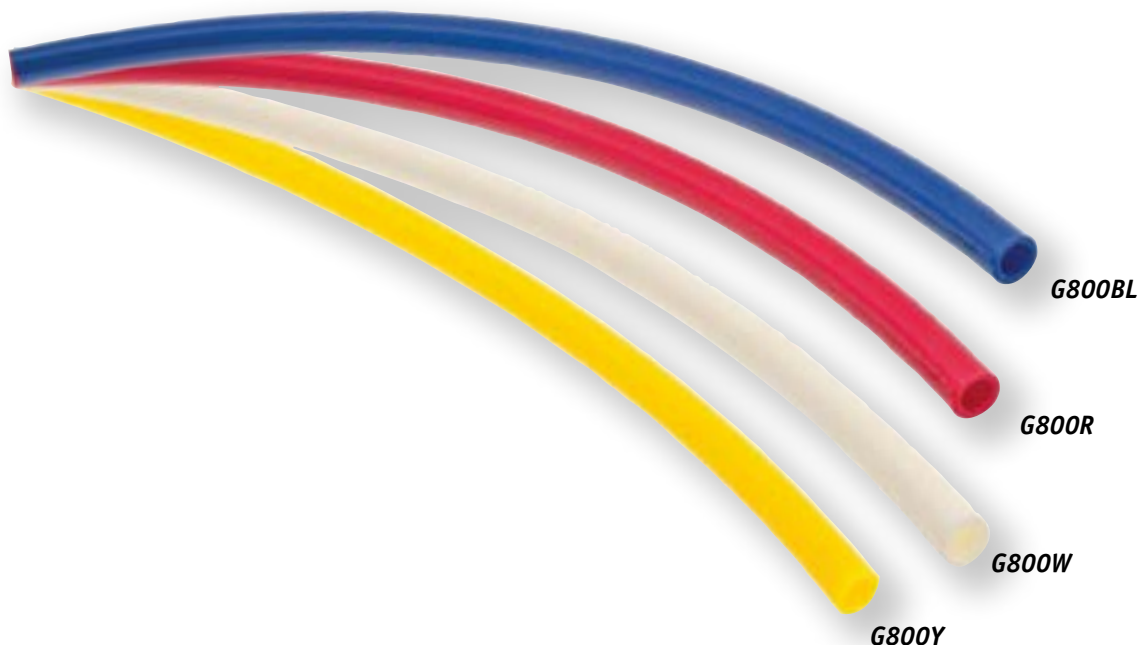
G800... POLYETHYLENE TUBING

Construction: Smooth, natural color (translucent, milky-white), FDA approved, low density polyethylene (part number G800), or high density polyethylene (part number G800H).

Temperature Range: -40°C (-40°F) to 70°C (158°F)

O.D.*	Part Number	I.D.	Color	Working Pressure at 20°C	Weight per ft	PRICE PER FOOT Cut	Std Length	Standard Length
Low Density								
1/4"	G800-04	0.17"	Natural	125 psi	0.011 lb	\$ 0.39	0.17	500 ft
1/4"	G800-04-02	0.13	Natural	150	0.018	0.53	0.25	500
5/16"	G800-05	0.19	Natural	125	0.015	0.54	0.29	500
3/8"	G800-06	0.25	Natural	125	0.021	0.55	0.30	500
1/2"	G800-08	0.38	Natural	100	0.035	0.58	0.37	500
5/8"	G800-10	0.50	Natural	70	0.043	0.80	0.57	500
3/4"	G800-12	0.63	Natural	60	0.058	1.10	0.75	500
High Density								
3/8"	G800H-06	0.25	Natural	200	0.027	0.74	0.42	500
1/2"	G800H-08	0.38	Natural	150	0.038	0.90	0.59	500
Coloured High Pressure Tubing								
3/8"	G800BL-06	0.25	Blue	230	0.25	0.75	0.53	500
3/8"	G800R-06	0.25	Red	230	0.25	0.75	0.53	500
3/8"	G800W-06	0.25	Solid white	230	0.25	0.75	0.53	500
3/8"	G800Y-06	0.25	Yellow	230	0.25	0.75	0.53	500

*Note: unlike hose, polyethylene tubing is ordered by outside diameter (O.D.)



Tubing

UNREINFORCED TUBING

G805 is rarely found outside of the agricultural market. EVA tubing is used where a low-cost product is required for seed and fertilizer dispersal on air seeding and similar equipment. Ethyl vinyl acetate (EVA) is stiff enough to be self supporting and resist kinking and it provides good chemical and weathering resistance.

G805... EVA TUBING

Construction: Smooth, natural color (translucent, milky-white), general purpose grade ethyl vinyl acetate (EVA).

Temperature Range: -45°C (-50°F) to 50°C (122°F)

G805

I.D.	Part Number	O.D.	Wall Thickness	Pressure at 20°C	Weight per ft	PRICE PER FOOT Cut	Std Length	Standard Length
Natural								
1/2"	G805-050-075	0.75"	0.125"	125 psi	0.10 lb	\$ 1.20	\$ 0.92	300 ft
7/8	G805-088-112	1.122"	0.124"	100	0.17	2.30	1.75	100
15/16	G805-094-119	1.188"	0.125"	100	0.18	2.40	1.80	200
1	G805-100-125	1.25"	0.125"	100	0.19	2.50	1.85	100
1.04	G805-104-126	1.26"	0.110"	100	0.19	2.50	1.85	100
Black								
1/2	G805B-050-075	0.75"	0.125"	125	0.10	1.10	0.85	300
1	G805B-100-125	1.25"	0.125"	100	0.19	2.50	1.85	100

G800N Nylon Tubing is odorless, non-toxic and will not become brittle with age. Nylon is resistant to most chemicals, will withstand repeated flexing without fatigue, stays flexible at low temperatures, and has good abrasion resistance.

G800N... NYLON TUBING

Construction: Smooth, natural colour (translucent, milky-white), FDA approved Polyamide tubing.

Temperature Range: -40°C (-40°F) to 95°C (203°F)

G800N

O.D.*	Part Number	I.D.	Working Pressure at 20°C	Weight per ft	PRICE PER FOOT Cut	Std Length	Standard Length
1/8"	G800N-02	0.094"	250 psi	0.003 lb	\$ 0.70	\$ 0.50	100 ft
5/32	G800N-02.5	0.106	250	0.005	1.05	0.75	100
3/16	G800N-03	0.138	200	0.006	1.20	0.85	100
1/4	G800N-04	0.180	200	0.011	1.50	1.10	100
5/16	G800N-05	0.250	200	0.015	2.40	1.70	100
3/8	G800N-06	0.295	250	0.021	3.40	2.40	100

*Note: unlike hose, nylon tubing is ordered by outside diameter (O.D.)

UNREINFORCED TUBING

PTFE tubing is used where external environments, particularly high temperatures, or exposure to chemicals make other tubing materials unsuitable. Teflon® is chemically very inert, is UV stable, does not support combustion, and maintains its mechanical properties in severe conditions. Our PTFE tubing is produced with FDA compliant resins for use in food applications.

(Note: Teflon® is a registered trademark of DuPont corporation)

G800T

G800T... PTFE (TEFLON®) TUBING

Construction: Smooth, natural colour (translucent milky-white) FDA and 3A approved polytetrafluoroethylene tubing.

Temperature Range: -200 °C (-328 °F) to 260 °C (500 °F)

O.D.	Part Number	I.D.	Working Pressure at 20° C	Weight per ft	PRICE PER FOOT Cut	Std Length	Standard Length
1/4"	G800T-04	0.188"	175 psi	0.020 lb	\$ 3.10	\$ 2.30	500 ft
3/8"	G800T-06	0.250"	240	0.058	9.20	7.30	250
1/2"	G800T-08	0.375"	175	0.081	12.10	9.90	250

Here's a unique product you've probably run across. Signal Bell Tubing is used by gas stations to announce your arrival at their pumps. Municipalities and Highway Departments use this durable product as part of their traffic counting system. Green Line Signal Bell Tubing is made with extruded rubber that withstands the continual weight and punishment of vehicles driving over it. This tough, resilient tubing is designed for use with all standard call systems.

G200

G200... SIGNAL BELL TUBING

Construction: Smooth, black, abrasion, weather and ozone resistant EPDM rubber tubing.

Temperature Range: -40°C (-40°F) to 95°C (203°F)

I.D.	Part Number	O.D.	Wall Thickness	Weight per ft	PRICE PER FOOT Cut	Std Length	Standard Length
3/8"	G200-038-060	0.60"	0.11"	0.02 lb	\$ 1.70	\$ 1.60	100 ft

