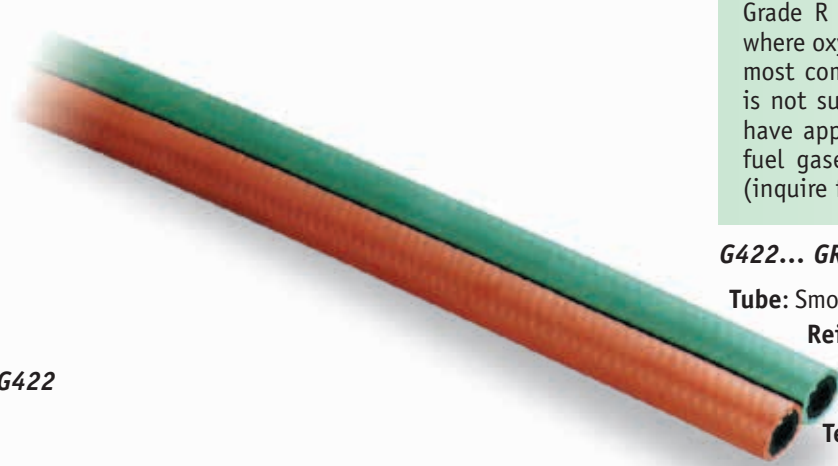




G422



Grade R Twin Weld is designed for welding and cutting where oxygen and acetylene are used. Grade R is by far the most commonly used welding hose today. However G422 is not suitable for use with other fuel gas mixtures that have appeared in recent years. These hydrocarbon based fuel gases require a low-permeation, oil resistant hose (inquire for G423.)

G422... GRADE R TWIN WELD

Tube: Smooth, black, EPDM rubber. For use with Acetylene only.

Reinforcement: High-tensile spiralled synthetic yarn.

Cover: Smooth, weather and abrasion resistant EPDM rubber. Red for acetylene, green for oxygen.

Temperature Range: -40°C (-40°F) to 82°C (180°F)

I.D.	Part Number	O.D.	Working Pressure	Weight per ft	PRICE PER FOOT		Approx Reel Length
					Cut	Reel	
3/16"	G422-019	0.44 x 0.88"	200 psi	0.15 lb	\$1.80	\$1.32	700 ft
1/4	G422-025	0.53 x 1.06	200	0.21	1.90	1.38	700
5/16	G422-031	0.59 x 1.19	200	0.25	2.90	2.10	700
3/8	G422-038	0.66 x 1.31	200	0.28	4.00	3.20	700

TWIN WELD ASSEMBLIES

G422 Grade R Twin Weld is also available in coupled assemblies. We use all-brass fittings coupled with long brass ferrules for extra holding power. Assemblies are individually packaged.



I.D.	Length	Part Number	Weight Each	PRICE EACH
3/16	25 ft	G422-019X25FT	4.0 lb	\$42.90
3/16	50	G422-019X50FT	8.0	78.30
1/4	25	G422-025X25FT	5.5	48.80
1/4	50	G422-025X50FT	10.5	76.50
1/4	100	G422-025X100FT	21.0	155.70





G411 & G412

Grade R Single-Line Welding is designed for welding and cutting where oxygen and acetylene are used and single hoses are preferred. The fluted cover and heavy reinforcement have made this hose popular wherever external abuse is severe. G412 meets RMA specifications for Grade R, Type S. However G412 is not suitable for use with other fuel gas mixtures that have appeared in recent years. These hydrocarbon based fuel gases require a low-permeation, oil resistant hose (inquire for G423.)

G411 & G412... GRADE R SINGLE LINE

Tube: Smooth, black, EPDM rubber. For use with acetylene or oxygen only. Not for use with other fuel gases

Reinforcement: High-tensile spiralled synthetic yarn.

Cover: Fluted (corrugated), weather and abrasion resistant EPDM rubber. Red for acetylene, green for oxygen.

Temperature Range: -40°C (-40°F) to 82°C (180°F)

I.D.	PART NUMBER		O.D.	Working Pressure	Reinforcement	Weight per ft	PRICE PER FOOT		Approx Reel Length
	Green Cover Oxygen	Red Cover Acetylene					Cut	Reel	
3/16"	G411/O-019		0.44"	200 psi	2 spiral	0.08 lb	\$1.60	\$1.00	700 ft
1/4"	G411/O-025	G411/A-025	0.53	200	2	0.11	2.00	1.40	700
1/4"	G412/O-025	G412/A-025	0.59	200	4	0.14	2.20	1.50	700
3/8"	G412/O-038	G412/A-038	0.72	200	4	0.18	3.00	2.10	700

STEAM HOSE

Weld

Note: All steam hoses will last longer if they are drained after each use. Water that is left in steam hose tends to be absorbed into the tube compound. When the hose is rapidly reheated, the condensed moisture vaporizes in the rubber compound causing blistering of the tube. In general, steam hoses are not a substitute for steel piping and should not be used in manifold systems or any other permanent installation.

G571... EPDM STEAM

G571 features a braided steel wire reinforcement which allows better retention to crimped fittings as opposed to clamped fittings when assembled. It is suitable for conveying saturated steam to 250 psi.

Tube: Smooth, black, electrically conductive EPDM rubber.

Reinforcement: Braided layers of high-tensile steel wire.

Cover: Wrapped finish, red, abrasion, weather, and heat resistant EPDM rubber.

Temperature Range: -40°C (40°F) to 210°C (410°F) for steam, 95°C (205°F) for hot water.



G571

I.D.	Part Number	O.D.	Working Pressure	Weight per ft	PRICE PER FOOT Cut	Std Length	Standard Length
3/4"	G571-075	1.22"	250 psi	0.44 lb	\$8.90	\$7.00	50 or 100 ft
1	G571-100	1.50	250	0.67	11.10	8.60	50 or 100
2	G571-200	2.64	250	1.44	22.30	17.10	50 or 100

Clamp Selection Chart:

Hose Part No.	Clamp Part No.
G572-050	G29C-050A
G572-075	G29C-075A
G572-100	G29C-100AA
G572-125	G29C-100B
G572-150	G29C-150AA
G572-200	G29C-200AA

G572... RED DEVIL

Red Devil is manufactured using layers of high-tensile spiral wire for extra flexibility and with a heavy, wrapped cover for durability. It is rated for saturated steam to 250 psi and is our most popular steam hose for heavy industrial applications.

Tube: Black EPDM rubber compounded for high resistance to heat aging.

Reinforcement: Spiral layers of brass-plated, high-tensile, steel wire.

Cover: Wrapped finish, red, abrasion, weather, and heat resistant EPDM rubber, pin-pricked to prevent blistering.

Temperature Range: -40°C (-40°F) to 208°C (406°F) ...short peaks to 232°C (450°F).

Fittings: Only G29 series ground joint or G23 series male NPT stems should be used. Always use G29C series interlocking clamps to prevent stem blowout.



G572

I.D.	Part Number	O.D.	Working Pressure	Weight per ft	PRICE PER FOOT Cut	Std Length	Standard Length
1/2"	G572-050	0.98"	250 psi	0.34 lb	\$8.20	\$6.10	50 or 100 ft
3/4	G572-075	1.22	250	0.45	8.90	7.00	50 or 100
1	G572-100	1.46	250	0.61	11.10	8.60	50 or 100
1 1/4	G572-125	1.75	250	0.77	16.70	12.70	50 or 100
1 1/2	G572-150	2.05	250	1.00	19.80	15.20	50 or 100
2	G572-200	2.58	250	1.45	22.30	17.10	50 or 100

For popular steam hose assemblies see page 58.

Note: All steam hoses will last longer if they are drained after each use. Water that is left in steam hose tends to be absorbed into the tube compound. When the hose is rapidly reheated, the condensed moisture vaporizes in the rubber compound causing blistering of the tube. In general, steam hoses are not a substitute for steel piping and should not be used in manifold systems or any other permanent installation.

G573... CHLOROBUTYL STEAM

Chlorobutyl rubber has excellent heat resistance and is less permeable to gases than other synthetic rubbers. These characteristics provide for a steam hose with improved life expectancy. Not only does the tube compound not age so quickly, but it absorbs much less steam. When steam hoses cycle from hot to cold, the steam that has been absorbed into the steam hose tube condenses. When it is suddenly re-heated, the water can vaporize and cause tiny "explosions" into the tube. The result is an effect called "popcorning" where the hose bore appears to have bubbled. Chlorobutyl rubber has improved resistance to this effect.

Tube: Black Chlorobutyl rubber compounded for high resistance to heat aging.

Reinforcement: Spiral layers of brass-plated, high-tensile, steel wire.

Cover: Wrapped finish, red, abrasion, weather, and heat resistant EPDM rubber, pin-pricked to prevent blistering.

Temperature Range: -40°C (-40°F) to 208°C (406°F) ...short peaks to 232°C (450°F).

Fittings: Only G29 series ground joint or G23 series male NPT stems should be used. Always use G29C series interlocking clamps to prevent stem blowout.



G573

I.D.	Part Number	O.D.	Working Pressure	Weight per ft	PRICE PER FOOT		Standard Length
					Cut	Std Length	
3/4"	G573-075	1.22"	250 psi	0.45 lb	\$9.80	\$8.30	50 or 100 ft
1	G573-100	1.46	250	0.61	11.80	9.60	50 or 100
2	G573-200	2.56	250	1.44	22.60	17.50	50 or 100

For popular steam hose assemblies see page 58.

STEAM HOSE

STEAM HOSE ASSEMBLIES

Steam hoses are supplied with G29C interlocking clamps for secure fitting retention. Fittings are generally G29 ground joint style stems with wing nuts or G23S male pipe stems. These fittings all have collars on the barb to interlock with the G29C clamp. For crimped steam hose assemblies, Green Line offers our G571 product line with the option of either 3/4" or 1" NPT fittings in 50 ft lengths.

Weld



G571CRMM

Hose size	Thread size	Length (ft)	Part Number	Weight Each (lb)	PRICE EACH
G571 Assemblies with Crimped Fittings					
3/4"	3/4 NPT	50	G571-075CRMM50	23	\$411.50
3/4	1 NPT	50	G571-075CRM16M50	24	437.10
1	1 NPT	50	G571-100CRMM50	36	516.60



G572MM

G572 Assemblies with Clamped Fittings					
3/4	3/4 NPT	50	G572-075MM50	25	388.00
3/4	1 NPT	50	G572-075M16M50	25	400.40
1	1 NPT	50	G572-100MM50	35	485.40
2	2 NPT	50	G572-200MM50	85	966.30
3/4	3/4 NPT & G29	50	G572-075MF50	26	395.80
1	1 NPT & G29	50	G572-100MF50	36	498.90
2	2 NPT & G29	50	G572-200MF50	87	979.90



G572FF

3/4	G29 & G29	50	G572-075FF50	26	404.80
1	G29 & G29	50	G572-100FF50	36	511.20
2	G29 & G29	50	G572-200FF50	88	994.40



G573MM

G573 Assemblies with Clamped Fittings					
3/4	3/4 NPT	50	G573-075MM50	25	446.00
3/4	1 NPT	50	G573-075M16M50	25	458.50
1	1 NPT	50	G573-100MM50	35	539.30
2	2 NPT	50	G573-200MM50	85	982.10
3/4	3/4 NPT & G29	50	G573-075MF50	26	454.00
1	1 NPT & G29	50	G573-100MF50	36	549.50
2	2 NPT & G29	50	G573-200MF50	87	995.60



G573FF

3/4	G29 & G29	50	G573-075FF50	26	461.80
1	G29 & G29	50	G573-100FF50	36	560.70
2	G29 & G29	50	G573-200FF50	88	1010.20