

Welding



Hose Selector Guide – by application

Series	Trademark	Hose Application / Construction / Selector Guide		Tube	Cover	Size Range (in)	Pressure Range (psi)	Temp Range (°F)	Page No.
7031R	GST® II	Grade R, single, oxygen		EPDM	EPDM	3/4	200	-40 / +200	365
7109	SIAMEEZ®	Grade T, twin	Multiple fuel gases	Chloroprene	Chloroprene	3/16 - 3/8	200	-40 / +200	359
7110	SIAMEEZ®	Grade RM, twin	Acetylene only	Synthetic rubber	Synthetic rubber	3/16 - 3/8	200	-40 / +200	367
7120		Grade R, single, fuel	Acetylene only	EPDM	EPDM	3/16 - 1/2	200	-40 / +200	365
7121		Grade R, single, oxygen		EPDM	EPDM	3/16 - 1/2	200	-40 / +200	365
7123		Inert gas, black	Arc welding	EPDM	EPDM	3/16 - 1/4	200	-40 / +200	371
7126	SIAMEEZ®	Grade R, twin	Acetylene only	EPDM	EPDM	3/16 - 3/8	200	-40 / +200	363
7141		Grade T, single, fuel	Multiple fuel gases	Chloroprene	Chloroprene	3/16 - 3/4	200	-40 / +200	361
7142		Grade T, single, oxygen		Chloroprene	Chloroprene	3/16 - 3/4	200	-40 / +200	361
7172		Cable cover	Arc welding	Nitrile/SBR	EPDM	3/16 - 3/8	200	-20 / +212	372
7228T		Scarfig, single, fuel	Heavy duty	Chloroprene	Chloroprene	3/8 - 1/2	250	-40 / +200	369
7229T		Scarfig, single, oxygen	Heavy duty	Chloroprene	Chloroprene	3/8 - 1/2	250	-40 / +200	369

NOTE: This is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. Refer to product pages for specific data. Contact Parker for additional information.

Hose Selector Guide – by industry standard

Industry Standards	ARPM IP-7	CGA E-1	Nonconductive
Hose Series	7031R 7109 7110 7120 7121 7126 7141 7142	7109 7141 7142	7172

NOTE: This is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. Refer to product pages for specific data. Contact Parker for additional information.

Refer to pages 9-10 for a complete listing of industry standards.

See pages ii through iv for an index of all product series by series number and pages v through xv for an index by application and by series name.

Due to continual product improvements, Parker reserves the right to alter specifications without prior notice.



SIAMEEZ®

Grade T Twin Line Welding Hose

Red – Fuel Gas Line; Green – Oxygen Line

CGA E-1, ARPM IP-7

Series 7109

Series 7109 is a premium twin line welding hose featuring a flame resistant and oil resistant tube and cover. The red line is compatible with commonly used fuel gases, including acetylene, hydrogen, natural gas, propane and propylene, and the green line is compatible with oxygen. The non-blooming tube minimizes the migration of combustible waxes or plasticizers to the surface of the rubber, and the multiple plies of textile reinforcement provide flexibility. The cover is resistant to abrasion, flame, mild chemicals, oil and ozone. Series 7109 is also available in factory-fabricated and tested hose assemblies in popular configurations. Grade T is the only grade of welding hose recognized by the Compressed Gas Association (CGA) for oxy-fuel gas welding applications.

Tube:	Black chloroprene
Reinforcement:	Multiple textile plies
Cover:	Green (oxygen) or Red (fuel gas) chloroprene; smooth finish
Temp. Range:	-40°F to +200°F (-40°C to +93°C)
Brand Method:	White ink (red hose line)
Brand Example:	PARKER 7109 WELDING ⚠ WARNING FUEL GAS (ID) MAX WP 200 PSI ARPM/CGA IP-7-(YEAR) STD DUTY GRADE T COUPLE WITH ONE INCH FERRULES MADE IN USA (DATE CODE)
Design Factor:	4:1
Industry Standards:	CGA E-1, ARPM IP-7
Applications:	<ul style="list-style-type: none"> • Red: Acetylene, hydrogen, natural gas, propane, propylene • Green: Oxygen • Bending, brazing, cutting, fabricating, gouging, joining, piercing, pre-heating, post-heating, severing, soldering, straightening, surfacing, trimming • Assembly and fabrication shops, construction, factories, foundries, mines, oil rigs, plumbing, railyards, salvage, scrapyards, shipyards, steel mills
Vacuum:	Not recommended
Compare to:	Thermoid Tuline Grade T; Veyance Gemini Twinline Grade T
Packaging:	Reels; fitted hose assemblies shrink-wrapped and labeled in master cartons

(Continued on the following page)

⚠ WARNING! Do not attempt to re-couple, repair or splice hose assemblies; replace all assemblies that show signs of abrading, abuse, age, damage or fatigue. Refer to ARPM IP-7, [Specifications for Rubber Welding Hose and Hose Technical Bulletin 11-5, Guide for Use, Maintenance and Inspection of Welding Hose](#). Refer to [CGA Safety Bulletin SB-11, Use of Rubber Welding Hose](#). Refer to the [Safety & Technical Information](#) section of this catalog for further information.

Series 7109 – SIAMEEZ® Grade T Twin Line Welding Hose (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Std Pack Qty (ft)	Stock Status **
7109-191	3/16	4.8	2	0.438	11.1	0.16	0.07	2.0	50.8	200	13.8	800	Y
7109-251	1/4	6.4	2	0.531	13.5	0.21	0.10	2.5	63.5	200	13.8	800	Y
7109-311	5/16	7.9	2	0.594	15.1	0.28	0.13	3.0	76.2	200	13.8	750	Y
7109-381	3/8	9.5	2	0.656	16.7	0.32	0.15	4.0	101.6	200	13.8	700	Y

Factory Assemblies: Available from stock in popular configurations. See below.

* **Couplings:** As specified in [CGA publication E-1](#). Bulk welding hose couplings are not sold separately by Parker.

** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Series 7109 Factory Assemblies

Grade T Fitted Hose Assemblies

Part Number	ID (in)	ID (mm)	Length (ft)	Approx Wt (lbs/ea)	Approx Wt (kgs/ea)	Nut Sizes	Std Pack Qty	Stock Status **
7109KABC-150	3/16	4.8	12-1/2	2.0	0.9	A & B	10	N
7109KABC-300	3/16	4.8	25	4.0	1.8	A & B	10	N
7109NLC-150	3/16	4.8	12-1/2	2.0	0.9	B & B	10	Y
7109NLC-300	3/16	4.8	25	4.0	1.8	B & B	10	N
7109NLC-600	3/16	4.8	50	7.0	3.2	B & B	5	N
7109NLC-1200	3/16	4.8	100	14.0	6.4	B & B	5	N
7109NLF-150	1/4	6.4	12-1/2	3.0	1.4	B & B	10	N
7109NLF-300	1/4	6.4	25	6.0	2.7	B & B	10	Y
7109NLF-600	1/4	6.4	50	11.0	5.0	B & B	5	Y
7109NLF-900	1/4	6.4	75	16.0	7.3	B & B	5	N
7109NLF-1200	1/4	6.4	100	21.0	9.5	B & B	5	Y
7109NLA-300	5/16	7.9	25	7.0	3.2	B & B	10	N
7109NLA-600	5/16	7.9	50	14.0	6.4	B & B	5	N
7109NLA-1200	5/16	7.9	100	29.0	13.2	B & B	5	N
7109NLM-300	3/8	9.5	25	8.0	3.6	B & B	10	Y
7109NLM-600	3/8	9.5	50	16.0	7.3	B & B	5	Y
7109NLM-1200	3/8	9.5	100	32.0	14.5	B & B	5	Y

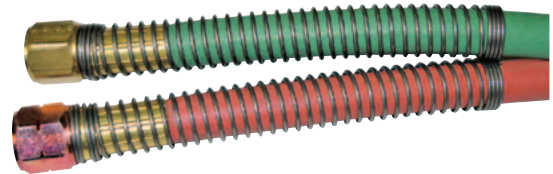
** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



Grade T Fitted Hose Assemblies with Steel Spring Guard Each End

Part Number	ID (in)	ID (mm)	Length (ft)	Approx Wt (lbs/ea)	Approx Wt (kgs/ea)	Nut Sizes	Std Pack Qty	Stock Status **
7109NLF-300SG	1/4	6.4	25	5.7	2.6	B & B	10	Y
7109NLF-600SG	1/4	6.4	50	10.9	4.9	B & B	5	Y
7109NLF-1200SG	1/4	6.4	100	21.4	9.7	B & B	5	Y

** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.





Grade T Single Line Welding Hose

CGA E-1, ARPM IP-7

Series 7141 (Red – Fuel Gas Line)

Series 7142 (Green – Oxygen Line)

Series 7141/7142 is a premium single line welding hose featuring a flame resistant and oil resistant tube and cover. Red Series 7141 is only for fuel service and is compatible with commonly used fuel gases, including acetylene, hydrogen, natural gas, propane and propylene. Green Series 7142 is only for oxygen service. The non-blooming tube minimizes the migration of combustible waxes or plasticizers to the surface of the rubber, and the multiple plies of textile reinforcement provide flexibility. Single line welding hose is available in long continuous lengths, providing maximum versatility and ease of handling in a variety of applications where only single line hose is needed or where the fuel gas and oxygen sources are separated, and twin line hose is not practical. The hose cover is resistant to abrasion, mild chemicals, flame, oil and ozone—significant for combination plasma/oxy-fuel welding and cutting equipment applications, which frequently generate intense amounts of ozone and also require Grade T fuel gas hose. Grade T is the only grade of welding hose recognized by the Compressed Gas Association (CGA) for oxy-fuel gas welding applications.

NOTE: Grade T is also suitable for use with inert gas.

Tube:	Black chloroprene
Reinforcement:	Multiple textile plies
Cover:	Series 7141: Red chloroprene; ribbed finish (3/4" smooth finish) Series 7142: Green chloroprene; ribbed finish (3/4" smooth finish)
Temp. Range:	-40°F to +200°F (-40°C to +93°C)
Brand Method:	Series 7141: White ink Series 7142: Black ink
Brand Example:	Series 7141: PARKER 7141 WELDING ⚠ WARNING FUEL GAS (ID) MAX WP 200 PSI ARPM/CGA IP-7-(YEAR) STD DUTY GRADE T COUPLE WITH ONE INCH FERRULES MADE IN USA (DATE CODE) Series 7142: PARKER 7142 WELDING ⚠ WARNING OXYGEN (ID) MAX WP 200 PSI ARPM/CGA IP-7-(YEAR) STD DUTY GRADE T COUPLE WITH ONE INCH FERRULES MADE IN USA (DATE CODE)
Design Factor:	4:1
Industry Standards:	CGA E-1, ARPM IP-7
Applications:	<ul style="list-style-type: none"> Series 7141 (red): Acetylene hydrogen, natural gas, propane, propylene Series 7142 (green): Oxygen Bending, brazing, cutting, fabricating, gouging, joining, piercing, pre-heating, post-heating, severing, soldering, straightening, surfacing, trimming Assembly and fabrication shops, construction, factories, foundries, mines, oil rigs, plumbing, rail yards, salvage, scrapyards, shipyards, steel mills
Vacuum:	Not recommended
Compare to:	Thermoid Single Line Corrugated Grade T Welding; Veyance Wingfoot Single Line Grade T
Packaging:	Reels

(Continued on the following page)

Series 7141 / 7142 – Grade T Single Line Welding Hose (Continued)

Series 7141 (Red – Fuel Gas Line)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7141-19200	3/16	4.8	2	0.438	11.1	0.08	0.04	2.0	50.8	200	13.8	*	800	Y
7141-25200	1/4	6.4	2	0.531	13.5	0.10	0.05	2.5	63.5	200	13.8	*	800	Y
7141-31200	5/16	7.9	2	0.594	15.1	0.14	0.06	3.0	76.2	200	13.8	*	750	N
7141-38200	3/8	9.5	2	0.656	16.7	0.16	0.07	4.0	101.6	200	13.8	HY	700	Y
7141-50200	1/2	12.7	2	0.875	22.2	0.29	0.13	5.0	127.0	200	13.8	HY	500	Y
7141-75200	3/4	19.1	4	1.156	29.4	0.43	0.20	6.0	152.4	200	13.8	CGHBL, HY	400	Y

* **Industrial Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

Welding Couplings: As specified in [CGA publication E-1](#). Bulk welding hose couplings are not sold separately by Parker (except 3/4").

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Series 7142 (Green – Oxygen Line)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7142-19200	3/16	4.8	2	0.438	11.1	0.08	0.04	2.0	50.8	200	13.8	*	800	N
7142-25200	1/4	6.4	2	0.531	13.5	0.10	0.05	2.5	63.5	200	13.8	*	800	Y
7142-31200	5/16	7.9	2	0.594	15.1	0.14	0.06	3.0	76.2	200	13.8	*	705	N
7142-38200	3/8	9.5	2	0.656	16.7	0.16	0.07	4.0	101.6	200	13.8	HY	700	Y
7142-50200	1/2	12.7	2	0.875	22.2	0.29	0.13	5.0	127.0	200	13.8	HY	500	Y
7142-75200	3/4	19.1	4	1.156	29.4	0.43	0.20	6.0	152.4	200	13.8	CGHBL, HY	400	Y

* **Industrial Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

Welding Couplings: As specified in [CGA publication E-1](#). Bulk welding hose couplings are not sold separately by Parker (except 3/4").

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠ WARNING! Do not attempt to re-couple, repair or splice hose assemblies; replace all assemblies that show signs of abrading, abuse, age, damage or fatigue. Refer to [ARPM IP-7, Specifications for Rubber Welding Hose and Hose Technical Bulletin 11-5, Guide for Use, Maintenance and Inspection of Welding Hose](#). Refer to [CGA Safety Bulletin SB-11, Use of Rubber Welding Hose](#). Refer to the [Safety & Technical Information](#) section of this catalog for further information.



SIAMEEZ®

Grade R Twin Line Welding Hose

Red – Acetylene Only; Green – Oxygen Line

ARPM IP-7

Series 7126

Series 7126 is a twin line welding hose; the red line is compatible ONLY with acetylene fuel gas, and the green line is compatible with oxygen. The non-blooming tube minimizes the migration of combustible waxes or plasticizers to the surface of the rubber, and the multiple plies of textile reinforcement provide flexibility. The cover is resistant to abrasion, heat, mild chemicals and ozone. Series 7126 is also available in factory-fabricated and tested hose assemblies in popular configurations.

Tube: Black EPDM
Reinforcement: Multiple textile plies
Cover: Red (acetylene) or Green (oxygen) EPDM; smooth finish
Temp. Range: -40°F to +200°F (-40°C to +93°C)
Brand Method: White ink on red hose
Brand Example: PARKER 7126 ⚠ WARNING ACETYLENE ONLY (ID) MAX WP 200 PSI ARPM IP-7-(YEAR) STD DUTY GRADE R COUPLE WITH ONE INCH FERRULES MADE IN USA (DATE CODE)

Design Factor: 4:1

Industry Standards: ARPM IP-7

Applications:

- **Red:** Acetylene ONLY
- **Green:** Oxygen
- Bending, brazing, cutting, fabricating, gouging, joining, piercing, pre-heating, post-heating, severing, soldering, straightening, surfacing, trimming
- Assembly and fabrication shops, construction, factories, foundries, mines, oil rigs, plumbing, rail yards, salvage, scrapyards, shipyards, steel mills

Vacuum: Not recommended

Compare to: Thermoid Tuline Grade R; Veyance Gemini Twinline Grade R

Packaging: Reels; fitted hose assemblies shrink-wrapped and labeled in master cartons

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Std Pack Qty (ft)	Stock Status **
7126-191	3/16	4.8	2	0.438	11.1	0.13	0.06	2.0	50.8	200	13.8	800	Y
7126-251	1/4	6.4	2	0.531	13.5	0.20	0.09	2.5	63.5	200	13.8	800	Y
7126-311	5/16	7.9	2	0.594	15.1	0.25	0.11	3.0	76.2	200	13.8	750	Y
7126-381	3/8	9.5	2	0.656	16.7	0.29	0.13	4.0	101.6	200	13.8	700	Y

Factory Assemblies: Available from stock in popular configurations. See the following page.

* **Couplings:** As specified in [CGA publication E-1](#). Bulk welding hose couplings are not sold separately by Parker.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠ WARNING! Do not attempt to re-couple, repair or splice hose assemblies; replace all assemblies that show signs of abrading, abuse, age, damage or fatigue. Refer to [ARPM IP-7, Specifications for Rubber Welding Hose and Hose Technical Bulletin 11-5, Guide for Use, Maintenance and Inspection of Welding Hose](#). Refer to [CGA Safety Bulletin SB-11, Use of Rubber Welding Hose](#). Refer to the [Safety & Technical Information](#) section of this catalog for further information.

Series 7126 Factory Assemblies

Grade R Fitted Hose Assemblies



Part Number	ID (in)	ID (mm)	Length (ft)	Approx Wt (lbs/ea)	Approx Wt (kgs/ea)	Nut Sizes	Std Pack Qty	Stock Status **
7126KAAC-150	3/16	4.8	12-1/2	2.0	0.9	A & A	10	N
7126KAAC-300	3/16	4.8	25	3.5	1.6	A & A	10	N
7126KABC-150	3/16	4.8	12-1/2	2.0	0.9	A & B	10	N
7126KABC-300	3/16	4.8	25	3.5	1.6	A & B	10	N
7126NLC-150	3/16	4.8	12-1/2	2.0	0.9	B & B	10	Y
7126NLC-300	3/16	4.8	25	4.0	1.8	B & B	10	Y
7126NLC-600	3/16	4.8	50	7.0	3.2	B & B	5	Y
7126NLC-1200	3/16	4.8	100	14.0	6.4	B & B	5	Y
7126NLF-150	1/4	6.4	12-1/2	2.0	0.9	B & B	10	N
7126NLF-300	1/4	6.4	25	6.0	2.7	B & B	10	Y
7126NLF-600	1/4	6.4	50	11.0	5.0	B & B	5	Y
7126NLF-1200	1/4	6.4	100	20.0	9.1	B & B	5	Y
7126NLM-300	3/8	9.5	25	8.0	3.6	B & B	10	N
7126NLM-600	3/8	9.5	50	15.0	6.8	B & B	5	Y
7126NLM-1200	3/8	9.5	100	28.0	12.7	B & B	5	Y

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



Grade R Single Line Welding Hose ARPM IP-7

Series 7120 (Red – Acetylene Only)

Series 7121 and Series 7031R
(Green – Oxygen Line)

Series 7120/7121 is a single line acetylene/oxygen welding hose. Red Series 7120 is only for fuel service and is compatible only with acetylene. Green Series 7121 is only for oxygen service. The non-blooming tube minimizes the migration of combustible waxes or plasticizers to the surface of the rubber, and the multiple plies of textile reinforcement provide flexibility. Single line welding hose is available in long continuous lengths, providing maximum versatility and ease of handling in a variety of applications where only single line hose is needed or where the fuel gas and oxygen sources are separated, and twin line hose is not practical. The cover is resistant to abrasion, heat, mild chemicals and ozone.

NOTES:

- For 3/4" Grade R oxygen hose, refer to Series 7031R.
- Grade R is also suitable for use with inert gas.

Tube:	Black EPDM
Reinforcement:	Multiple textile plies
Cover:	Series 7120: Red (acetylene) EPDM; ribbed finish Series 7121: Green (oxygen) EPDM; ribbed finish (7031R smooth finish)
Temp. Range:	-40°F to +200°F (-40°C to +93°C)
Brand Method:	Series 7120: White ink Series 7121/7031R: Black ink
Brand Example:	Series 7120: PARKER 7120 WELDING ⚠ WARNING ACETYLENE ONLY (ID) MAX WP 200 PSI ARPM IP-7-(YEAR) STD DUTY GRADE R COUPLE WITH ONE INCH FERRULES MADE IN USA (DATE CODE) Series 7121: PARKER 7121 WELDING ⚠ WARNING OXYGEN (ID) MAX WP 200 PSI ARPM IP-7-(YEAR) STD DUTY GRADE R COUPLE WITH ONE INCH FERRULES MADE IN USA (DATE CODE) Series 7031R: PARKER 7031 GST® II/OXYGEN (ID) MAX WP 300 PSI (200 PSI OXYGEN) ARPM IP-7-(YEAR) STD DUTY GRADE R MADE IN USA (DATE CODE)
Design Factor:	4:1
Industry Standards:	ARPM IP-7
Applications:	<ul style="list-style-type: none"> • Series 7120 (red): Acetylene ONLY • Series 7121 and 7031R (green): Oxygen • Bending, brazing, cutting, fabricating, gouging, joining, piercing, pre-heating, post-heating, severing, soldering, straightening, surfacing, trimming • Assembly and fabrication shops, construction, factories, foundries, mines, oil rigs, plumbing, rail yards, salvage, scrapyards, shipyards, steel mills
Vacuum:	Not recommended
Compare to:	Thermoid Green GP/Oxygen
Packaging:	Reels

(Continued on the following page)

Series 7120 / 7121 / 7031R – Grade R Single Line Welding Hose (Continued)

Series 7120 (Red – Acetylene line only)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7120-19200	3/16	4.8	2	0.438	11.1	0.08	0.04	2.0	50.8	200	13.8	*	800	Y
7120-25200	1/4	6.4	2	0.531	13.5	0.10	0.05	2.5	63.5	200	13.8	*	800	Y
7120-31200	5/16	7.9	2	0.594	15.1	0.13	0.06	3.0	76.2	200	13.8	*	750	Y
7120-38200	3/8	9.5	2	0.656	16.7	0.14	0.06	4.0	101.6	200	13.8	*	700	Y
7120-50200	1/2	12.7	4	0.875	22.2	0.26	0.12	5.0	127.0	200	13.8	*	500	N

* **Industrial Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

Welding Couplings: As specified in [CGA publication E-1](#). Bulk welding hose couplings are not sold separately by Parker (except 3/4")

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Series 7121/7031R (Green – Oxygen Line)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7121-19200	3/16	4.8	2	0.438	11.1	0.08	0.04	2.0	50.8	200	13.8	*	800	Y
7121-25200	3/16	6.4	2	0.531	13.5	0.10	0.5	2.5	63.5	200	13.8	*	800	Y
7121-31200	1/4	7.9	2	0.594	15.1	0.13	0.6	3.0	76.2	200	13.8	*	750	Y
7121-38200	5/16	9.5	2	0.656	16.7	0.14	0.6	4.0	101.6	200	13.8	*	700	Y
7121-50200	1/2	12.7	4	0.875	22.2	0.26	0.12	5.0	127.0	200	13.8	*	500	Y
7031-75304R	3/4	19.1	4	1.156	29.4	0.37	0.17	6.0	152.4	300	20.7	HY	350	Y
7031-7530450R	3/4	19.1	4	1.156	29.4	0.37	0.17	6.0	152.4	300	20.7	HY	50	Y

* **Industrial Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

Welding Couplings: As specified in [CGA publication E-1](#). Bulk welding hose couplings are not sold separately by Parker (except 3/4")

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠ WARNING! Do not attempt to re-couple, repair or splice hose assemblies; replace all assemblies that show signs of abrading, abuse, age, damage or fatigue. Refer to [ARPM IP-7, Specifications for Rubber Welding Hose and Hose Technical Bulletin 11-5, Guide for Use, Maintenance and Inspection of Welding Hose](#). Refer to [CGA Safety Bulletin SB-11, Use of Rubber Welding Hose](#). Refer to the [Safety & Technical Information section](#) of this catalog for further information.



SIAMEEZ®

Grade RM Twin Line Welding Hose

Red – Acetylene Only; Green – Oxygen Line

ARPM IP-7

Series 7110

Series 7110 is a twin line welding hose featuring a flame resistant and oil resistant cover. The red line is compatible ONLY with acetylene fuel gas, and the green line is compatible with oxygen. The non-blooming tube minimizes the migration of combustible waxes or plasticizers to the surface of the rubber, and the multiple plies of textile reinforcement provide flexibility. Series 7110 is also available in factory-fabricated and tested hose assemblies in popular configurations.

Tube:	Black synthetic rubber
Reinforcement:	Multiple textile plies
Cover:	Red (acetylene) or green (oxygen) synthetic rubber; smooth finish
Temp. Range:	-40°F to +200°F (-40°C to +93°C)
Brand Method:	White ink on red hose
Brand Example:	PARKER 7110 WELDING ⚠ WARNING ACETYLENE ONLY (ID) MAX WP 200 PSI ARPM IP-7-(YEAR) STD DUTY GRADE RM COUPLE WITH ONE INCH FERRULES MADE IN USA (DATE CODE)
Design Factor:	4:1
Industry Standards:	ARPM IP-7
Applications:	<ul style="list-style-type: none"> • Red: Acetylene ONLY; Green: Oxygen • Bending, brazing, cutting, fabricating, gouging, joining, piercing, pre-heating, post-heating, severing, soldering, straightening, surfacing, trimming • Assembly and fabrication shops, construction, factories, foundries, mines, oil rigs, plumbing, rail yards, salvage, scrapyards, shipyards, steel mills
Vacuum:	Not recommended
Compare to:	Thermoid Tuline Grade RM; Veyance Gemini Twinline Grade RM
Packaging:	Reels; fitted hose assemblies shrink-wrapped and labeled in master cartons

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Std Pack Qty (ft)	Stock Status **
7110-191	3/16	4.8	2	0.438	11.1	0.16	0.07	2.0	50.8	200	13.8	800	N
7110-251	1/4	6.4	2	0.531	13.5	0.21	0.10	2.5	63.5	200	13.8	800	Y
7110-311	5/16	7.9	2	0.594	15.1	0.28	0.13	3.0	76.2	200	13.8	750	N
7110-381	3/8	9.5	2	0.656	16.7	0.32	0.15	4.0	101.6	200	13.8	700	N

Factory Assemblies: Available from stock in popular configurations. See the following page.

* **Couplings:** As specified in [CGA publication E-1](#). Bulk welding hose couplings are not sold separately by Parker.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠ WARNING! Do not attempt to re-couple, repair or splice hose assemblies; replace all assemblies that show signs of abrading, abuse, age, damage or fatigue. Refer to ARPM IP-7, Specifications for Rubber Welding Hose and Hose Technical Bulletin 11-5, Guide for Use, Maintenance and Inspection of Welding Hose. Refer to CGA Safety Bulletin SB-11, Use of Rubber Welding Hose. Refer to the Safety & Technical Information section of this catalog for further information.

Series 7110 Factory Assemblies

Grade RM Fitted Hose Assemblies

Part Number	ID (in)	ID (mm)	Length (ft)	Approx Wt (lbs/ea)	Approx Wt (kgs/ea)	Nut Sizes	Std Pack Qty	Stock Status **
7110NLF-300	1/4	6.4	25	6.0	2.7	B & B	10	Y
7110NLF-600	1/4	6.4	50	11.0	5.0	B & B	5	Y
7110NLF-1200	1/4	6.4	100	21.0	9.5	B & B	5	Y

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.





Welding and Scarfing Hose

Grade T Performance

Series 7228T (Red – Fuel Gas Line)

Series 7229T (Green – Oxygen Line)

Series 7228T/7229T is a heavy duty welding and scarfing hose featuring a flame resistant and oil resistant tube and cover. Red Series 7228T is compatible with commonly used fuel gases, including acetylene, hydrogen, natural gas, propane and propylene. Green Series 7229T is only for oxygen service. The non-blooming tube minimizes the migration of combustible waxes or plasticizers to the surface of the rubber. Single line welding and scarfing hose is available in long continuous lengths, providing maximum versatility and ease of handling in a variety of applications where the fuel gas and oxygen sources are separated. The robust construction incorporates premium rubber compounds to provide Grade T performance, and the braided reinforcement provides working pressures greater than conventional welding hose, maximum kink resistance and secure coupling retention. The thick cover is resistant to abrasion, cuts, flame, gouges, mild chemicals, oil and ozone.

Tube:	Black chloroprene
Reinforcement:	Multiple textile braids
Cover:	Series 7228T: Red chloroprene; smooth finish Series 7229T: Green chloroprene; smooth finish
Temp. Range:	-40°F to +200°F (-40°C to +93°C)
Brand Method:	Series 7228T: White ink Series 7229T: Black ink
Brand Example:	Series 7228T: PARKER USA 7228T WELDING ⚠ WARNING FUEL GAS - SCARFING HOSE (ID) 250 MAX PSI WP (DATE CODE) Series 7229T: PARKER USA 7229T WELDING ⚠ WARNING OXYGEN - SCARFING HOSE (ID) 250 MAX PSI WP (DATE CODE)
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Series 7228T: Acetylene, hydrogen, natural gas, propane, propylene; Series 7229T: Oxygen • Scarfing/deseaming; burning defective areas on the surface of ingots or semi-finished products such as billets • Scarfing/tapering: forging the ends of two pieces to be joined to avoid an enlarged joint
Vacuum:	Not recommended
Compare to:	Thermoid Green GP/Oxygen
Packaging:	Reels

(Continued on the following page)

⚠ WARNING! Do not attempt to re-couple, repair or splice hose assemblies; replace all assemblies that show signs of abrading, abuse, age, damage or fatigue. Refer to ARPM IP-7, Specifications for Rubber Welding Hose and Hose Technical Bulletin 11-5, Guide for Use, Maintenance and Inspection of Welding Hose. Refer to CGA Safety Bulletin SB-11, Use of Rubber Welding Hose. Refer to the Safety & Technical Information section of this catalog for further information.

Series 7228T / 7229T – Welding and Scarfing Hose (Continued)

Series 7228T (Red – Fuel Gas Line)

Part Number	ID (in)	ID (mm)	Reinf Braids	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Std Pack Qty (ft)	Stock Status **
7228T-382	3/8	9.5	2	0.812	20.6	0.27	0.12	4.5	114.3	250	17.2	500	Y
7228T-502	1/2	12.7	2	0.937	23.8	0.33	0.15	6.0	152.4	250	17.2	500	Y

* **Welding Couplings:** As specified in [CGA publication E-1](#). Bulk welding hose couplings are not sold separately by Parker.

** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Series 7229T (Green – Oxygen Line)

Part Number	ID (in)	ID (mm)	Reinf Braids	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Std Pack Qty (ft)	Stock Status **
7229T-382	3/8	9.5	2	0.812	20.6	0.27	0.12	4.5	114.3	250	17.2	500	Y
7229T-502	1/2	12.7	2	0.937	23.8	0.33	0.15	6.0	152.4	250	17.2	500	Y
7229T-502050	1/2	12.7	2	0.937	23.8	0.33	0.15	6.0	152.4	250	17.2	5 x 50	Y
7229T-502100	1/2	12.7	2	0.937	23.8	0.33	0.15	6.0	152.4	250	17.2	100	N

* **Welding Couplings:** As specified in [CGA publication E-1](#). Bulk welding hose couplings are not sold separately by Parker.

** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



Inert Gas Hose

Series 7123

Series 7123 is designed to handle inert/noble gases such as argon, carbon dioxide, helium and nitrogen in arc welding systems. The hose construction incorporates multiple plies of textile reinforcement that provide flexibility, and the cover is resistant to abrasion, heat, mild chemicals and ozone.

Tube:	Black EPDM
Reinforcement:	Multiple textile plies
Cover:	Black EPDM; ribbed finish
Temp. Range:	-40°F to +200°F (-40°C to +93°C)
Brand Method:	White ink
Brand Example:	PARKER 7123 INERT GAS (ID) MAX WP 200 PSI MADE IN USA (DATE CODE)
Design Factor:	4:1
Industry Standards:	CGA E-1 color requirements
Applications:	<ul style="list-style-type: none"> • Air, argon, carbon dioxide, helium, nitrogen • Shield gas • Arc welding systems
Vacuum:	Not recommended
Packaging:	Reels

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Std Pack Qty (ft)	Stock Status **
7123-19200	3/16	4.8	2	0.438	11.1	0.07	0.03	2.0	50.8	200	13.8	250	Y
7123-25200	1/4	6.4	2	0.500	12.7	0.09	0.04	2.5	63.5	200	13.8	250	Y

* **Welding Couplings:** As specified in [CGA publication E-1](#). Bulk inert gas hose couplings are not sold separately by Parker.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



Cable Cover Hose Nonconductive

Series 7172

Series 7172 is a cable cover and water coolant hose used in arc welding systems. The hose construction is electrically nonconductive with a minimum resistance of one megaohm per inch at 1000 volts DC. The cover is resistant to abrasion, mild chemicals and ozone.

NOTES:

- For specially branded or unbranded hose, contact Parker.
- The user must determine if the hose is suitable for applications subject to electrical hazard. Contact Parker for additional information.

Tube:	Black nitrile/SBR blend
Reinforcement:	Multiple textile plies
Cover:	Black EPDM; smooth finish
Temp. Range:	-20°F to +212°F (-29°C to +100°C)
Brand Method:	White ink
Brand Example:	PARKER SERIES 7172 ELECTRICALLY NON-CONDUCTIVE CABLE COVER / WATER COOLANT HOSE (ID) 200 PSI MAX WP MADE IN USA (DATE CODE)
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Air, water • Cable cover and coolant hose for arc welding systems
Vacuum:	Not recommended
Packaging:	Reels

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Std Pack Qty (ft)	Stock Status **
7172-19200	3/16	4.8	2	0.415	10.5	0.06	0.03	1.5	38.1	200	13.8	750	Y
7172-25200	1/4	6.4	2	0.477	12.1	0.07	0.03	2.0	50.8	200	13.8	750	Y
7172-31200	5/16	7.9	2	0.500	12.7	0.08	0.04	2.5	63.5	200	13.8	750	Y
7172-38200	3/8	9.5	2	0.601	15.3	0.11	0.05	3.0	76.2	200	13.8	650	Y

* **Welding Couplings:** Bulk welding hose couplings are not sold separately by Parker.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.