

**Welding Hose  
and Assemblies**



## Hose Selector Guide – by application

Series	Trademark	Hose Application / Construction		Tube	Cover	Size Range (in)	Pressure Range (psi)	Temp Range (°F)	Page No.
7031R	GST® II	Grade R, single, oxygen		EPDM	EPDM	3/4	300	-40 / +200	251
7109	SIAMEEZ®	Grade T, twin	Multiple fuel gases	Chloroprene	Chloroprene	3/16 - 3/8	200	-40 / +200	245
7110	SIAMEEZ®	Grade RM, twin	Acetylene only	Synthetic rubber	Synthetic rubber	3/16 - 3/8	200	-40 / +200	253
7120		Grade R, single, fuel	Acetylene only	EPDM	EPDM	3/16 - 1/2	200	-40 / +200	251
7121		Grade R, single, oxygen		EPDM	EPDM	3/16 - 3/4	200 - 300	-40 / +200	251
7123		Inert gas, black	Arc welding	EPDM	EPDM	3/16 - 1/4	200	-40 / +200	256
7126	SIAMEEZ®	Grade R, twin	Acetylene only	EPDM	EPDM	3/16 - 3/8	200	-40 / +200	249
7141		Grade T, single, fuel	Multiple fuel gases	Chloroprene	Chloroprene	3/16 - 3/4	200	-40 / +200	247
7142		Grade T, single, oxygen		Chloroprene	Chloroprene	3/16 - 3/4	200	-40 / +200	247
7172		Cable cover	Arc welding	Nitrile/SBR	EPDM	3/16 - 3/8	200	-20 / +212	257
7228T		Scarfig, single, fuel	Heavy duty	Chloroprene	Chloroprene	3/8 - 1/2	250	-40 / +200	254
7229T		Scarfig, single, oxygen	Heavy duty	Chloroprene	Chloroprene	3/8 - 1/2	250	-40 / +200	254

## Hose Selector Guide – by industry standard

Series	Industry Standards		
	ARPM	CGA	Nonconductive
7031R	■		
7109	■	■	
7110	■		
7120	■		
7121	■		
7123		■	
7126	■		
7141	■	■	
7142	■	■	
7172			■

The above tables are guides only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. For more specific Industry Standards information, refer to the “Industry Standards” section of each respective product page. Contact Parker for additional information.

**A complete listing of industry standards is available in the Introduction section. See the pages immediately following the Table of Contents for a complete index by series, and by product application and 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

#### 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. 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
- Design Factor:** 4:1
- Industry Standards:** ARPM IP-7; CGA E-1
- Applications:**
  - **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:** ContiTech Tinline Grade T; Thermoid Tuline Grade T

**Crimp Specifications**

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

#	⊙		▨	⊙		⚖	⚖	↷	↻	↻	↔	📦	
Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	MaxWP (bar)	Nom Std Pack Qty (ft)	Pkg Type
7109-191	3/16	4.8	2	0.4	11.1	0.16	0.24	2	51	200	14	800	Reel
7109-251	1/4	6.4	2	0.5	13.5	0.21	0.31	3	64	200	14	800	Reel
7109-311	5/16	7.9	2	0.6	15.1	0.28	0.42	3	76	200	14	750	Reel
7109-381	3/8	9.5	2	0.7	16.7	0.32	0.48	4	102	200	14	700	Reel

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

(Continued on the following page)

**⚠ WARNING:** This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

**⚠ 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)

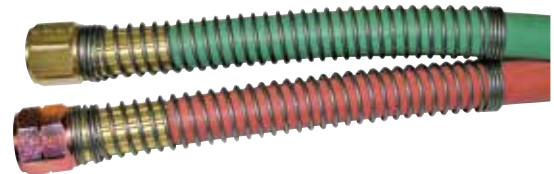
### Series 7109 Factory Assemblies

#### Grade T Fitted Hose Assemblies



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

**WARNING:** This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



#### 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 (kg/ea)	Nut Sizes	Std Pack Qty	Pkg Type
7109NLF-300SG	1/4	6.4	25	5.7	2.6	B & B	5	Carton
7109NLF-600SG			50	10.9	4.9			Carton
7109NLF-1200SG			100	21.4	9.7			Carton

**WARNING:** This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



## Grade T Single Line Welding Hose

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.

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

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











**⚠ WARNING:** This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

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

## Series 7141 (Red – Fuel Gas Line)

## Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
7141-19200	3/16	4.8	2	0.4	11.1	0.08	0.12	2	51	200	14	800	Reel
7141-25200	1/4	6.4	2	0.5	13.5	0.10	0.15	3	64	200	14	800	Reel
7141-31200	5/16	7.9	2	0.6	15.1	0.14	0.21	3	76	200	14	750	Reel
7141-38200	3/8	9.5	2	0.7	16.7	0.16	0.24	4	102	200	14	700	Reel
7141-50200	1/2	12.7	4	0.9	22.2	0.29	0.43	5	127	200	14	500	Reel
7141-75200	3/4	19.1	4	1.2	29.4	0.43	0.64	6	152	200	14	400	Reel














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

**WARNING:** This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

## Series 7142 (Green – Oxygen Line)

## Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
7142-19200	3/16	4.8	2	0.4	11.1	0.08	0.12	2	51	200	14	800	Reel
7142-25200	1/4	6.4	2	0.5	13.5	0.10	0.15	3	64	200	14	800	Reel
7142-31200	5/16	7.9	2	0.6	15.1	0.14	0.21	3	76	200	14	705	Reel
7142-38200	3/8	9.5	2	0.7	16.7	0.16	0.24	4	102	200	14	700	Reel
7142-50200	1/2	12.7	4	0.9	22.2	0.29	0.43	5	127	200	14	500	Reel
7142-75200	3/4	19.1	4	1.2	29.4	0.43	0.64	6	152	200	14	400	Reel

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

**WARNING:** This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

**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

#### 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.

**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 WELDING ⚠ WARNING ACETYLENE ONLY (ID) MAX WP 200 PSI ARPM IP-7-(YEAR) STD DUTY GRADE R COUPLE WITH ONE INCH FERRULES

**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:** ContiTech Tinline Grade R; Thermoid Tuline Grade R

### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

#													
Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
7126-191	3/16	4.8	2	0.4	11.1	0.13	0.19	2	51	200	14	800	Reel
7126-251	1/4	6.4	2	0.5	13.5	0.20	0.30	3	64	200	14	800	Reel
7126-311	5/16	7.9	2	0.6	15.1	0.25	0.37	3	76	200	14	750	Reel
7126-381	3/8	9.5	2	0.7	16.7	0.29	0.43	4	102	200	14	700	Reel

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

**⚠ WARNING:** This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

**⚠ 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 (kg/ea)	Nut Sizes	Std Pack Qty	Pkg Type			
7126KAAC-150	3/16	4.8	12-1/2	2.0	0.9	A & A	10	Carton			
7126KAAC-300			25	3.5	1.6			Carton			
7126KABC-150			12-1/2	2.0	0.9	A & B		Carton			
7126KABC-300			25	3.5	1.6			Carton			
7126NLC-150			12-1/2	2.0	0.9	B & B		Carton			
7126NLC-300			25	4.0	1.8			Carton			
7126NLC-600			50	7.0	3.2			Carton			
7126NLC-1200			100	14.0	6.4			5	Carton		
7126NLF-150			1/4	6.4	12-1/2	2.0		0.9	B & B	10	Carton
7126NLF-300					25	6.0		2.7		Carton	
7126NLF-600					50	11.0		5.0		5	Carton
7126NLF-1200					100	20.0		9.1		Carton	
7126NLM-300			3/8	9.5	25	8.0		3.6	B & B	10	Carton
7126NLM-600					50	15.0		6.8		5	Carton
7126NLM-1200					100	28.0		12.7		Carton	

**⚠ WARNING:** This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).





## Grade R Single Line Welding Hose

Series 7120 (Red – Acetylene Only)

Series 7121 and Series 7031(R)

(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 7031(R).
- Grade R is also suitable for use with inert gas.

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

(Continued on the following page)














**⚠ WARNING:** This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

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

### Series 7120 (Red – Acetylene line only)

#### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
7120-19200	3/16	4.8	2	0.4	11.1	0.08	0.12	2	51	200	14	800	Reel
7120-25200	1/4	6.4	2	0.5	13.5	0.10	0.15	3	64	200	14	800	Reel
7120-31200	5/16	7.9	2	0.6	15.1	0.13	0.19	3	76	200	14	750	Reel
7120-38200	3/8	9.5	2	0.7	16.7	0.14	0.21	4	102	200	14	700	Reel
7120-50200	1/2	12.7	4	0.9	22.2	0.26	0.39	5	127	200	14	500	Reel














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

**⚠ WARNING:** This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

### Series 7121/7031(R) (Green – Oxygen Line)

#### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
7121-19200	3/16	4.8	2	0.4	11.1	0.08	0.12	2	51	200	14	800	Reel
7121-25200	1/4	6.4	2	0.5	13.5	0.10	0.15	3	64	200	14	800	Reel
7121-31200	5/16	7.9	2	0.6	15.1	0.13	0.19	3	76	200	14	750	Reel
7121-38200	3/8	9.5	2	0.7	16.7	0.14	0.21	4	102	200	14	700	Reel
7121-50200	1/2	12.7	4	0.9	22.2	0.26	0.39	5	127	200	14	500	Reel
7031-75304R	3/4	19.1	4	1.2	29.4	0.37	0.55	6	152	300†	21†	400	Reel
7031-7530450R												50	Carton

† 200 psi (13.8 bar) maximum recommended working pressure for oxygen service.

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

**⚠ WARNING:** This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

**⚠ 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

#### 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.

- 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
- 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:** ContiTech Twinline Grade RM; Thermoid Tuline Grade RM

### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

#	⊙	▬	⊙	⚖	↩	⊙	⬆	📦					
Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
7110-191	3/16	4.8	2	0.4	11.1	0.16	0.24	2	51	200	14	800	Reel
7110-251	1/4	6.4	2	0.5	13.5	0.21	0.31	3	64	200	14	800	Reel
7110-311	5/16	7.9	2	0.6	15.1	0.28	0.42	3	76	200	14	750	Reel
7110-381	3/8	9.5	2	0.7	16.7	0.32	0.48	4	102	200	14	700	Reel

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

**⚠️ WARNING:** This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

**⚠️ 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 (kg/ea)	Nut Sizes	Std Pack Qty	Pkg Type
7110NLF-300			25	6.0	2.7		10	Carton
7110NLF-600	1/4	6.4	50	11.0	5.0	B & B	5	Carton
7110NLF-1200			100	21.0	9.5			Carton



**⚠️ WARNING:** This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



## 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.

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














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**⚠ WARNING:** This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

**⚠ 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 Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/ft)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
7228T-382	3/8	9.5	2	0.8	20.6	0.27	0.40	5	114	250	17	500	Reel
7228T-502	1/2	12.7	2	0.9	23.8	0.33	0.49	6	152	250	17	500	Reel

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

**WARNING:** This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

### Series 7229T (Green – Oxygen Line)

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP (psi)	 Max WP (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
7229T-382	3/8	9.5	2	0.8	20.6	0.27	0.40	5	114	250	17	500	Reel
7229T-502												500	Reel
7229T-502050	1/2	12.7	2	0.9	23.8	0.33	0.49	6	152	250	17	5 x 50	Carton
7229T-502100												100	Carton

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

**WARNING:** This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



## 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
- Design Factor:** 4:1
- Industry Standards:** CGA E-1 color requirements
- Applications:**
  - Air, argon, carbon dioxide, helium, nitrogen
  - Shield gas
  - Arc welding systems
- Vacuum:** Not recommended

# Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
7123-19200	3/16	4.8	2	0.4	11.1	0.07	0.10	2	51	200	14	800	Reel
7123-25200	1/4	6.4	2	0.5	12.7	0.09	0.13	3	64	200	14	800	Reel

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

**WARNING:** This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



# 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  
**Design Factor:** 4:1  
**Industry Standards:** Nonconductive  
**Applications:**
  - Air, water
  - Cable cover and coolant hose for arc welding systems**Vacuum:** Not recommended

# Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Nom Std Pack Qty (ft)	Pkg Type
7172-19200	3/16	4.8	2	0.4	10.5	0.06	0.09	2	38	200	14	750	Reel
7172-25200	1/4	6.4	2	0.5	12.1	0.07	0.10	2	51	200	14	750	Reel
7172-31200	5/16	7.9	2	0.5	12.7	0.08	0.12	3	64	200	14	750	Reel
7172-38200	3/8	9.5	2	0.6	15.3	0.11	0.16	3	76	200	14	650	Reel

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

**WARNING:** This product can expose you to chemicals including DEHP, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

**NOTES:**

Lined area for notes.