



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

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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

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