

Grade T Single Line Welding

Series 7141 (Red – Fuel Gas Line)

Series 7142 (Green – Oxygen Line)



Series 7141/7142 features a flame resistant and oil resistant tube and cover. Red series 7141 is only for fuel service. Green Series 7142 is only for oxygen service. Single line welding hose is available in long continuous lengths, providing maximum versatility and ease of handling. 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.

Series 7142 (Green – Oxygen Line)

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource.

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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)	Perm Cplg Rec *	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
7142-38200	3/8	9.5	2	0.7	16.7	0.16	0.24	4	102	200	14	HY	700	Reel
7142-50200	1/2	12.7	4	0.9	22.2	0.29	0.43	5	127	200	14	HY	500	Reel
7142-75200	3/4	19.1	4	1.2	29.4	0.43	0.64	6	152	200	14	HY, CGHBL, *	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.

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
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

Design Factor: 4:1

Industry Standards: ARPM IP-7; CGA E-1

Applications:

- 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: ContiTech Variflex Single Line Grade T; Thermoid Single Line Corrugated Grade T Welding

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.