

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 acetylene service. Green Series 7121 is only for oxygen service. 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.

Series 7120 (Red – Acetylene line only)

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

# 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
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
7120-38200	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.

Tube: Black EPDM

Reinforcement: Multiple textile plies

Cover: Series 7120: Red (acetylene) EPDM; ribbed finish
 Series 7121: Green (oxygen) EPDM; ribbed finish
 Series 7031(R): Green (oxygen) EPDM; smooth finish

Temp. Range: -40°F to +200°F (-40°C to +93°C)

Brand Method: Series 7120: White ink

Series 7121/7031(R): 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
 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
 Series 7031(R): PARKER 7031 GST® II/ OXYGEN (ID) MAX WP 300 PSI (200 PSI OXYGEN) ARPM IP-7-(YEAR) STD DUTY GRADE R)

Design Factor: 4:1

Industry Standards: ARPM IP-7

Applications:

- Series 7120 (red): Acetylene ONLY
- Series 7121 and 7031(R) (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