

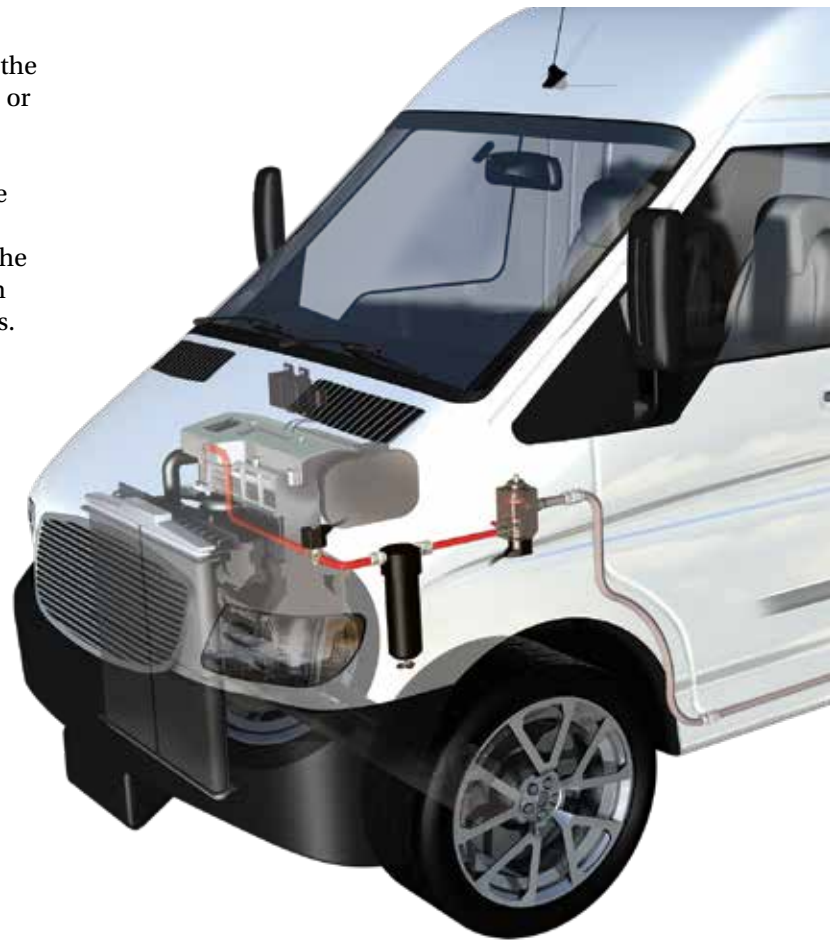
CNGRP - Parflex Natural Gas Hose

Electrically Conductive, Compressed
Natural Gas Hose For Downstream of the
Pressure Regulator



To accommodate on-vehicle applications, Parflex has developed a High Temperature, Regulated Pressure CNG (CNGRP) Hose. The CNGRP hose is a low permeation, CSA listed hose that is designed for low pressure delivery of CNG fuel downstream of the pressure regulator in high ambient temperature environments or along the frame rail in under body applications.

The CNGRP hose is constructed with an electrically conductive Nylon core to dissipate static build up and stainless steel reinforcement for corrosion and kink resistance. In addition, the red thermoplastic vulcanizate (TPV) jacket provides protection from outdoor elements encountered in on-vehicle applications.



Contact Information:

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Parflex Division
1300 North Freedom St.
Ravenna, OH 44266
phone 330 296 2871
fax 330 286 8433
www.parker.com/parflex

Product Features:

- Electrically conductive core tube
- Flexible TPV cover
- Specifically designed for applications downstream of the pressure regulator
- Low permeation Nylon core tube
- SS braid reinforcement allowing compact bend radius
- Can be thermally formed for difficult routings

Specifications:

- Conforms to:
 - ANSI/CSA NGV 3.1
 - NFPA 52
 - CSA 12.3, Class C
 - CSA Certified (www.csagroup.org)



ENGINEERING YOUR SUCCESS.

CNGRP – Regulated Pressure Natural Gas Hose - Electrically Conductive



Features

- For use downstream of pressure regulator

Certifications

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 - NFPA 52
 - CSA 12.3, Class C
 - CSA Certified (www.csagroup.org)



Applications/Markets



- On-vehicle
 - Approved for both under body and engine compartment installations

[Visit the webpage](#)

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Weight	
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs./ft.	kg./mtr.
#										
CNGRP-10	1/2	12.7	0.89	22.6	500	3.45	4.00	102	.26	.39
CNGRP-12	5/8	15.9	1.04	26.4	500	3.45	5.00	127	.30	.45

Construction

Tube: Electrically Conductive Nylon
 Reinforcement: Stainless Steel
 Cover: TPV

Operating Parameters

Temperature Range:

- 40°F (-40°C) to +250°F (121°C)

 Change in length at Max. Working Pressure: +2%/-4%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

91N Series – pg. E-34

10691N-10-10C, 10691N-8-10C, 10691N-12-12C, 1JC91N-12-12C, 1TU91N-10-12C, 1TU91N-12-12C, 1AL91N-10-12C, 1AL91N-12-12C, 10691N-10-12C

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Colors

- Red

Notes

- For use with natural gas only
- Assemblies only - CNGRP hose must be assembled at the factory or by a Parflex approved facility
- For sizes 3, 4 and 6 please contact the division for information on 8LPG hose which is certified according to ECE R 67 class 1, ECE R110 and AS/NZS 1869

