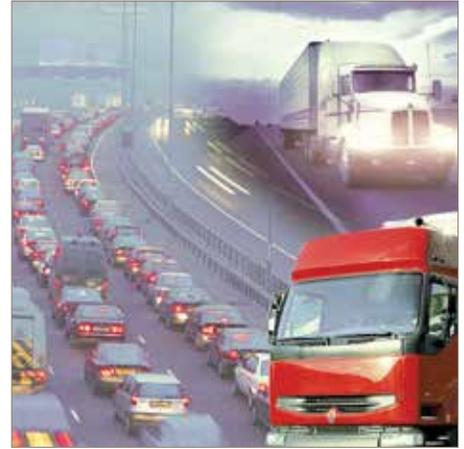


# Parflex 5CNG Hose

Electrically Conductive Compressed Natural Gas Hose



Parflex 5CNG Hose is specially developed for the conveyance of compressed natural gas. It is constructed of an electrically conductive nylon core designed to dissipate static build up and a fiber reinforcement for maximum pressure and flexibility. In addition, the polyurethane jacket provides abrasion resistance and protection from outdoor elements including ultraviolet light.

Typical applications for CNG Hose include:

- CNG Dispenser/Refueling
- Fleet Transit/On-Vehicle
- CNG Fuel Transfer
- At-Home CNG Refueling



## Contact Information:

Parker Hannifin Corporation  
**Parflex Division**  
1300 North Freedom St.  
Ravenna, OH 44266  
**phone 330 296 2871**  
**fax 330 286 8433**  
[www.parker.com/parflex](http://www.parker.com/parflex)

## Product Features:

- Electrically conductive core tube
- Perforated polyurethane cover
- Sizes up to 1"
- Twin-line assemblies available to reduce installation time, eliminate tangling and reduce part number complexity

## Specifications:

Conforms to:

- ANSI/CSA NGV 4.2\*CSA 12.52 (Class A, Class D)
- ECE R110 CNG Class 6
- ANSI NGV 3.1\*CSA 12.3 (Class B - P36) 5CNG-8 only
- NFPA 52
- CSA Certified ([www.csagroup.org](http://www.csagroup.org))



ENGINEERING YOUR SUCCESS.

# 5CNG – Compressed Natural Gas Hose

## Electrically Conductive Nylon Core Tube

High pressure CNG transfer hose conforms to ANSI, CSA, ECE, and NFPA 52.



### Features

- Electrically conductive core tube perforated polyurethane cover
- Sizes up to 1"
- Twin-line assemblies available to reduce installation time, eliminate tangling and reduce component part numbers

### Construction

- Tube: Electrically Conductive Nylon
- Reinforcement: Aramid Fiber
- Cover: Polyurethane

### Operating Parameters

- Temperature Range: -40°F (-40°C) to 185°F (85°C)
- Vacuum Rating: 28 inch Hg
- Change in length at Max. Working Pressure: +/-2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

### Color

- ● Red

### Compliance

- ANSI/CSA NGV 4.2\*CSA 12.52 (Class A, Class D)
- ECE R110 CNG Class 6
- ANSI NGV 3.1\*CSA 12.3 (Class B - P36) 5CNG-8 only
- NFPA 52
- CSA Certified ([www.csagroup.org](http://www.csagroup.org))

### Fittings

- CG Series – pg. E-72

### Notes

- Perforated cover
- Assemblies only - CNG hose must be assembled at the factory or by a Parflex approved facility
- Appropriate wire and vinyl guards must be used on ANSI/CSA compliant single-line and twin-line bonded hose assemblies.
  - [-4 to -8 SS wire guards - pg. F-17]
  - [-12 & -16 Vinyl guards - pg. F-16]

### Accessories

- 5PSG - Stainless steel spring guard
- CNGG5 - Vinyl hose guardd

### Series 5CNG

[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
5CNG-4	1/4	6.3	0.55	14.0	5,000	34.5	2	51.0	0.08	0.11
5CNG-6	3/8	10	0.65	16.5	5,000	34.5	3	76.0	0.09	0.13
5CNG-8	1/2	12.5	0.90	22.9	5,000	34.5	4	102.0	0.21	0.31
5CNG-12	3/4	19	1.19	30.2	5,000	34.5	7-1/2	191.0	0.24	0.36
5CNG-16	1	25	1.59	40.4	5,000	34.5	10	254.0	0.36	0.53

