

# 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:

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**phone 330 296 2871**  
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[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
- NFPA 52
- ECE R110 (factory built only)
- CSA 12.52 Class A, Class D
- CSA Listing (Certificate # 1053249)



ENGINEERING YOUR SUCCESS.

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## Applications/Markets



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



Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Weight		Permanent Fitting Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs./ft.	kg./mtr.	
5CNG-4	1/4	6	.55	14	5,000	34.5	2.00	51	.08	.11	CG
5CNG-6	3/8	10	.65	16	5,000	34.5	3.00	76	.09	.13	CG
5CNG-8	1/2	13	.90	23	5,000	34.5	4.00	102	.21	.31	CG
5CNG-12	3/4	19	1.19	30	5,000	34.5	7.50	191	.24	.36	CG
5CNG-16	1	25	1.59	40	5,000	34.5	10.00	254	.36	.53	CG

## Construction

Tube: Electrically conductive nylon

Reinforcement: 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)

## Fittings

CG Series

For most Parker products, Crimp Die Selection charts can be found online at [www.parker.com/crimpsource](http://www.parker.com/crimpsource)

## Color

- Red

## Notes

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

## Accessories

- PSG - Wire spring guard
- CNGG - Vinyl hose guard

