

Parflex 5CNG Hose

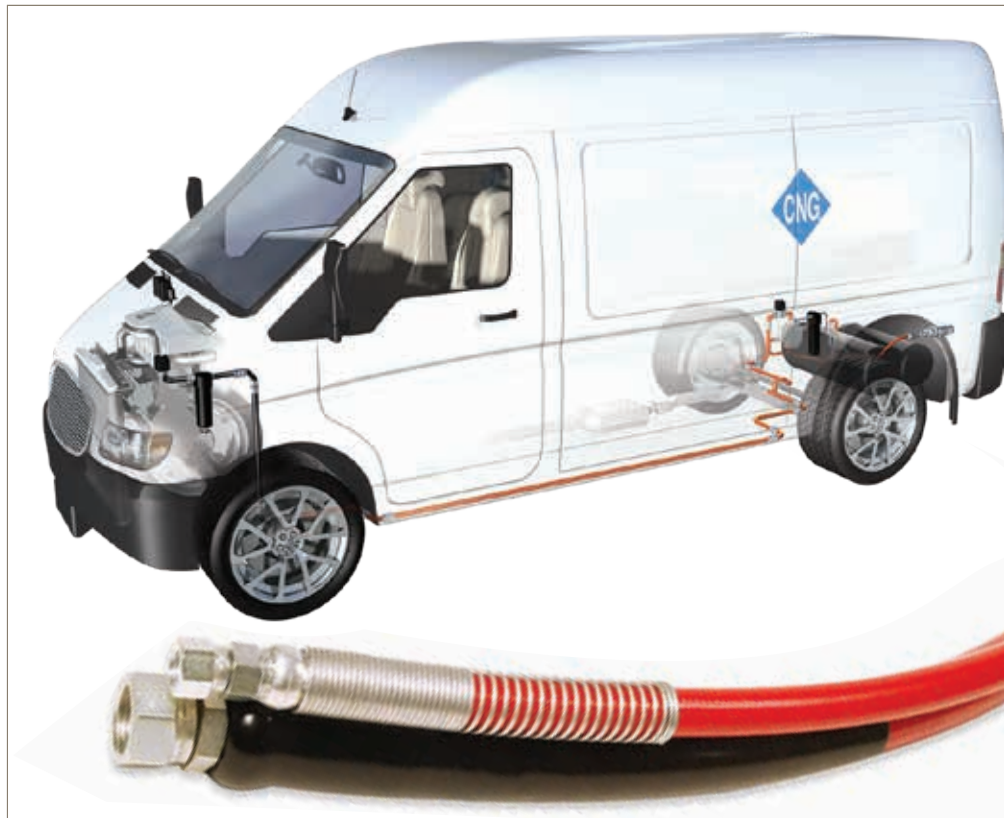
Electrically Conductive Compressed Natural Gas Hose



Parflex 5CNG Hose is specifically 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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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
- 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)

ENGINEERING YOUR SUCCESS.

5CNG – Compressed Natural Gas Hose

Electrically Conductive Nylon Core Tube



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

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)

Series 5CNG

[Visit the webpage](#)

Part Number	Nominal I.D.		Maximum O.D.		Max. Working Pressure 73°F/ 23°C		Minimum Bend Radius		Weight		Permanent Fitting Series
	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	0.08	0.11	CG
5CNG-6	3/8	10	0.65	16.5	5,000	34.5	3	76	0.09	0.13	CG
5CNG-8	1/2	12.5	0.90	22.9	5,000	34.5	4	102	0.21	0.31	CG
5CNG-12	3/4	19	1.19	30.2	5,000	34.5	7-1/2	191	0.24	0.36	CG
5CNG-16	1	25	1.59	40.4	5,000	34.5	10	254	0.36	0.53	CG

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)

Fittings

- CG Series

Color

- ● Red

Accessories

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

Note

- 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 Catalog 4660)
 - (-12 & -16 Vinyl guards - pg. F-16 Catalog 4660)

