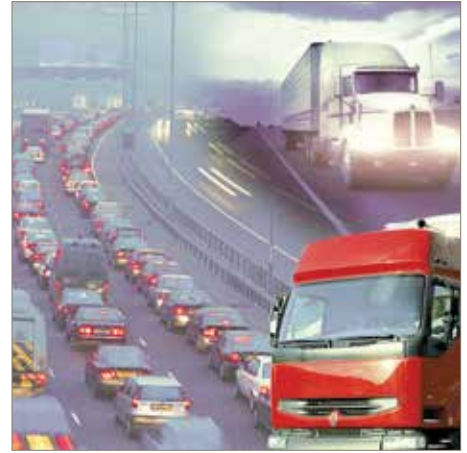


Parflex 5CNG Hose

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

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)



ENGINEERING YOUR SUCCESS.

5CNG – Electrically Conductive Compressed Natural Gas Hose



Features

- Twin constructions available

Certifications

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 - ANSI/CSA NGV 4.2*CSA 12.52 (Class A, Class D)
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Applications/Markets



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

[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	6.4	.55	14.0	5,000	34.5	2.00	51	.08	.11
5CNG-6	3/8	9.5	.65	16.5	5,000	34.5	3.00	76	.09	.13
5CNG-8	1/2	12.7	.90	22.9	5,000	34.5	4.00	102	.21	.31
5CNG-12	3/4	19.1	1.19	30.2	5,000	34.5	7.50	191	.24	.36
5CNG-16	1	25.4	1.59	40.4	5,000	34.5	10.00	254	.36	.53

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

Color

- Red

Notes

- Assemblies only - 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. -4 to -8 SS wire guards and -12 & -16 Vinyl guards - Catalog 4660

Accessories

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

