

Parflex CNG Hose

Electrically Conductive Compressed Natural Gas Hose



Parflex CNG 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
- Fleet Transit
- 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:

- Parflex CNG Hose conforms to NFPA 52, ANSI/IAS NGV 4.2-1999, CSA12.52-M99



ENGINEERING YOUR SUCCESS.

CNG – Electrically Conductive Compressed Natural Gas Hose



Features

- Twin and multi-line available

Certifications

Conforms to:

- NFPA 52,
- ANSI/IAS NGV 4.2-1999
- CSA12.52-M99



Applications/Markets



- CNG Dispenser
- Fleet Transit
- CNG Fuel Transfer
- At-Home CNG Refueling

Part Number	Nom I.D.		Max. O.D.		Max. Working Pressure		Min. Bend Radius		Weight		Permanent Crimp Fitting
	IN.	mm	IN.	mm	PSI	MPa	IN.	mm	LBS/FT.	kg/m	
#											
5CNG-3	3/16	5	.43	11	5,000	34.5	1.50	38	.05	.07	55
5CNG-4	1/4	6	.62	16	5,000	34.5	2.00	51	.11	.16	58
5CNG-6	3/8	10	.65	16	5,000	34.5	3.00	76	.09	.13	55
5CNG-8	1/2	13	.90	23	5,000	34.5	4.00	102	.21	.31	58
5CNG-12	3/4	19	1.15	29	5,000	34.5	7.50	191	.24	.36	58H
5CNG-16	1	25	1.59	40	5,000	34.5	10.00	254	.36	.53	58H

Construction

Tube: Electrically conductive nylon
 Reinforcement: Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +180°F (-40°C to +82°C)
 Min. Burst Pressure is 4x Max. Working Pressure

Notes

Perforated cover
 CNG hose must be assembled at the factory or by a Parflex approved facility
 Wire spring guards must be used on ANSI/CSA design certified CNG dispenser hose assembly sizes -3 through -8: single and multi-line bonded assemblies

Fittings

55 Series
 58 Series
 58H Series
 Consult Parflex Division for approved fitting selection

Accessories

PSG - Wire spring guard
 CNGG - Vinyl hose guard
 Consult Parflex CAT. 4660 for CNG guard selection

Colors

- Red

