# 5CNG – Compressed natural gas hose

**According to NFPA 52, AGA 1-93 and AGA/CGA,
ANSI Standards 4.2/12.52,
Approved according to CSA / ECE R110**

**Main features**

- High flexibility, compact construction
- Strong polyurethane cover for high wear and tear resistance
- Working pressure 34.5 MPa
- Also available as twinline or multiline hose
- Customized preforming available (see Bulletin 5200-Preformed)
- Electrically conductive

**Applications**

Dispense hose for natural gas and other gases

- Fixed applications such as refuelling hoses for natural gas fuelling stations, compressors, chemical plants or gas processing installations
- Mobile applications in vehicles

**Construction**

**Core tube** : Electrically conductive polymer
**Pressure reinforcement** : Two or more braided layers of high tensile synthetic fibre

**Cover** : Polyurethane, pinpricked
**Colour** : Red, other colours available on request

**Temperature range**

-40°C up to +82°C



| Part No. # | DN | size mm | size inch | mm | Max. working pressure MPa / psi | | Min. burst pressure MPa / psi | | Min. bend radius mm | Weight kg/m | Fittings |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **5CNG-3*** | 5 | -03 | 3/16 | 10.9 | 34.5 | 5,000 | 138.0 | 20,000 | 38 | 0.07 | CG* |
| **5CNG-4** | 6 | -04 | 1/4 | 14.0 | 34.5 | 5,000 | 138.0 | 20,000 | 51 | 0.11 | CG* |
| **5CNG-6** | 10 | -06 | 3/8 | 16.3 | 34.5 | 5,000 | 138.0 | 20,000 | 76 | 0.13 | CG* |
| **5CNG-8** | 12 | -08 | 1/2 | 22.7 | 34.5 | 5,000 | 138.0 | 20,000 | 102 | 0.31 | CG* |
| **5CNG-12** | 20 | -12 | 3/4 | 29.2 | 34.5 | 5,000 | 138.0 | 20,000 | 191 | 0.36 | CG* |
| **5CNG-16** | 25 | -16 | 1 | 40.4 | 34.5 | 5,000 | 138.0 | 20,000 | 254 | 0.53 | CG* |

*: Only available on request

**Notes**

- Not for use in paint spray applications
- For refuelling systems additionally hose guards and warning tag must be ordered
- Twinline constructions for return lines available
- Factory made assemblies only