

## 5CNG – Compressed natural gas dispense 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.<br># | DN | size<br>mm | mm<br>inch | mm   | Max. working<br>pressure<br>MPa / psi | Min. burst<br>pressure<br>MPa / psi | Min. bend<br>radius<br>mm | Weight<br>kg/m | Fittings |     |      |     |
|---------------|----|------------|------------|------|---------------------------------------|-------------------------------------|---------------------------|----------------|----------|-----|------|-----|
| 5CNG-3*       | 5  | -03        | 4.8        | 3/16 | 10.9                                  | 34.5                                | 5,000                     | 138.0          | 20,000   | 38  | 0.07 | 55  |
| 5CNG-4        | 6  | -04        | 6.4        | 1/4  | 12.6                                  | 34.5                                | 5,000                     | 138.0          | 20,000   | 51  | 0.16 | 58  |
| 5CNG-6        | 10 | -06        | 9.9        | 3/8  | 16.3                                  | 34.5                                | 5,000                     | 138.0          | 20,000   | 76  | 0.14 | 55  |
| 5CNG-8        | 12 | -08        | 12.7       | 1/2  | 22.7                                  | 34.5                                | 5,000                     | 138.0          | 20,000   | 102 | 0.31 | 58  |
| 5CNG-12       | 20 | -12        | 19.3       | 3/4  | 29.2                                  | 34.5                                | 5,000                     | 138.0          | 20,000   | 191 | 0.36 | 58H |
| 5CNG-16       | 25 | -16        | 26.0       | 1    | 40.4                                  | 34.5                                | 5,000                     | 138.0          | 20,000   | 254 | 0.53 | 58H |

\*: Only available on request

- Fittings 55 series see E-53 ff.; 58 series see E-81 ff.; Fittings 58H series available on request

### Ready-to-use refuelling hose assemblies:

5CNG-4-3000, both ends JIC 7/16 x 20 UNF, length 3 m

5CNG-6-3000, both ends JIC 9/16 x 18 UNF, length 3 m

5CNG-8-3000, both ends JIC 7/8 x 14 UNF, length 3 m

### 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
- Hose assemblies with CSA approval can be delivered ex factory or via CSA certified Parker partners
- For mobile applications 5CNG-3 or 5CNG-8 with JJ series fittings (SAE (JIC) 45° female swivel) acc. to ECE R 110 are to be used (see page D-3).