

## 722

### No-Skive GlobalCore

Exceeds ISO 18752-BC

#### Primary Applications

General high pressure hydraulic applications

#### Applicable Specifications

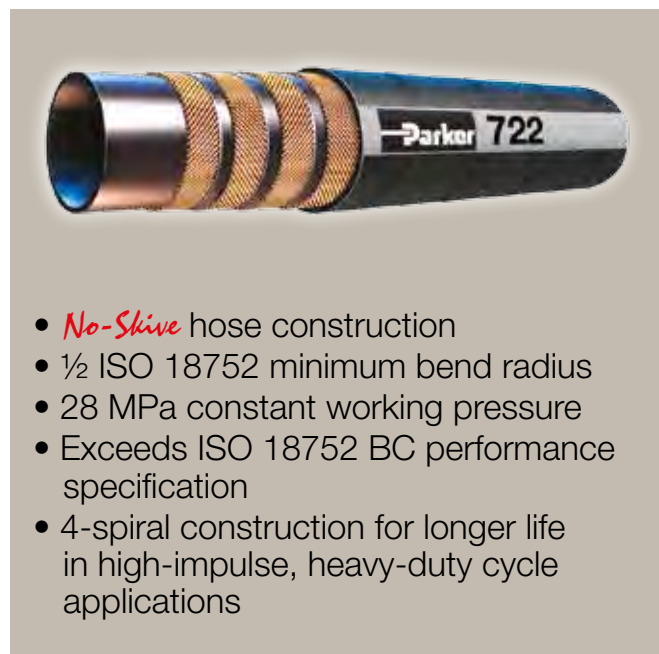
Exceed ISO 18752-BC

#### Construction

Inner tube: Synthetic rubber  
Reinforcement: Four spirals high-tensile steel wire  
Cover: Synthetic rubber

Temperature Range ..... -40 °C up to +100 °C

Exception: Air ..... max. +70 °C  
Water ..... max. +85 °C



- **No-Skive** hose construction
- ½ ISO 18752 minimum bend radius
- 28 MPa constant working pressure
- Exceeds ISO 18752 BC performance specification
- 4-spiral construction for longer life in high-impulse, heavy-duty cycle applications

#### Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water. For air and gas applications with a pressure exceeding 1.7 MPa, the cover must be pin-pricked. Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

#### Fitting Series



Series 43 you'll find in the Medium Pressure chapter Cb

| Part Number | Hose I.D. |      |      |      | Hose O.D.<br>mm | Pressure Rating              |      |                            |       | min. bend radius<br>mm | weight<br>kg |
|-------------|-----------|------|------|------|-----------------|------------------------------|------|----------------------------|-------|------------------------|--------------|
|             | DN        | Inch | Size | mm   |                 | max. working pressure<br>MPa | psi  | min. burst pressure<br>MPa | psi   |                        |              |
| 722-6       | 10        | 3/8  | -6   | 9.5  | 19.9            | 28.0                         | 4000 | 112.0                      | 16000 | 65                     | 0.60         |
| 722-8       | 12        | 1/2  | -8   | 12.7 | 22.7            | 28.0                         | 4000 | 112.0                      | 16000 | 90                     | 0.80         |
| 722-10      | 16        | 5/8  | -10  | 15.9 | 26.4            | 28.0                         | 4000 | 112.0                      | 16000 | 100                    | 1.10         |
| 722-12      | 19        | 3/4  | -12  | 19.1 | 30.7            | 28.0                         | 4000 | 112.0                      | 16000 | 120                    | 1.40         |
| 722-16      | 25        | 1    | -16  | 25.4 | 37.8            | 28.0                         | 4000 | 112.0                      | 16000 | 150                    | 1.99         |

The combination of high temperature and high pressure could reduce the hose life.

#### Hose layline example

