

# 412ST

## Elite No-Skive RemoFlex

1 wire braided hose for pilot lines



- **No-Skive** hose construction
- 12.0 MPa rubber pilot line hose
- Very tight bending radii – allowing compact machine design
- Extreme abrasion resistant **SUPER TOUGH** cover

### Primary Applications

Mobile hydraulic equipment: Pilot lines

### Construction

Inner tube: Nitrile (NBR)  
Reinforcement: One high-tensile steel wire braid  
Cover: Synthetic rubber with a special polyethylene coating

### 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.

Temperature Range ..... -40 °C up to +100 °C  
Exception: Air ..... max. +70 °C  
Water ..... max. +85 °C

Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

### Fitting Series

- Available as complete hose assembly



| 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 | min. burst pressure<br>MPa | min. burst pressure |      |                        |              |
|             |           |      |      |     |                 |                              |                            | psi                 | psi  |                        |              |
| 412ST-3     | 5         | 3/16 | -3   | 4.8 | 9.6             | 12.0                         | 1700                       | 48.0                | 6800 | 20                     | 0.08         |
| 412ST-4     | 6         | 1/4  | -4   | 6.4 | 11.6            | 12.0                         | 1700                       | 48.0                | 6800 | 25                     | 0.14         |
| 412ST-5     | 8         | 5/16 | -5   | 7.9 | 13.0            | 12.0                         | 1700                       | 48.0                | 6800 | 30                     | 0.18         |
| 412ST-6     | 10        | 3/8  | -6   | 9.5 | 14.0            | 12.0                         | 1700                       | 48.0                | 6800 | 40                     | 0.23         |

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

Hose layline example

**Parker** **Elite 4** **SUPER TOUGH** 412ST-6 RemoFlex WP 12,0 MPa (1700 PSI) | • 9,5 mm (3/8") Made in Italy