

## 836

### Push-Lok

For high oil temperatures

#### Primary Applications

All Markets: Special high temperature applications

#### Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

#### Restrictions

Not permitted for use in air brake systems and high dynamic pulsation systems.

Not recommended for fuels.

#### Construction

Inner tube: PKR synthetic rubber

Reinforcement: High-tensile fibre braid

Cover: MSHA approved black or blue  
PKR synthetic rubber

Temperature Range ..... -48 °C up to +150 °C

Exception: Air ..... max. +100 °C

Water ..... max. +85 °C



- Max. oil temperature up to +150 °C
- MSHA approved

#### Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions.

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

#### Fitting Series



| Part Number   | Hose I.D. |      |      |      | Hose O.D.<br>mm | Pressure Rating              |     |                            |      | Vacuum*<br>kPa | min. bend radius<br>mm | weight<br>kg |
|---------------|-----------|------|------|------|-----------------|------------------------------|-----|----------------------------|------|----------------|------------------------|--------------|
|               | DN        | Inch | Size | mm   |                 | max. working pressure<br>MPa | psi | min. burst pressure<br>MPa | psi  |                |                        |              |
| 836-4-XXX-RL  | 6         | 1/4  | -4   | 6.4  | 12.7            | 2.8                          | 400 | 11.2                       | 1600 | 95             | 65                     | 0.13         |
| 836-6-XXX-RL  | 10        | 3/8  | -6   | 9.5  | 15.9            | 2.8                          | 400 | 11.2                       | 1600 | 95             | 75                     | 0.16         |
| 836-8-XXX-RL  | 12        | 1/2  | -8   | 12.7 | 19.8            | 2.8                          | 400 | 11.2                       | 1600 | 95             | 100                    | 0.27         |
| 836-10-XXX-RL | 16        | 5/8  | -10  | 15.9 | 23.0            | 2.4                          | 350 | 9.6                        | 1400 | 61             | 125                    | 0.28         |
| 836-12-XXX-RL | 19        | 3/4  | -12  | 19.1 | 26.2            | 2.1                          | 300 | 8.4                        | 1200 | 61             | 150                    | 0.36         |

\* The vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa  
Note: When ordering, please replace in the part number XXX with the relevant colour code. Example: 836-4-BLK-RL

#### Colour codes

BLK = black  
BLU = blue



RL = only available on reels

#### Hose layline example

PARKER HI-TEMP PUSH-LOK 836-8 WP 1,7 MPa (250 PSI) MSHA IC-40/22 I • • 12,5 mm (1/2)