

**Low Pressure**  
Push-Lok – Multipurpose

**Push-Lok Hose**  
837PU-Plus

## 837PU-Plus

### Hybrid Push-Lok

For a variety of high demanding applications

#### Primary Applications

All Markets: For high demand applications  
For energy chain systems

Robot and Automotive market:  
For hose bundle systems

#### Restrictions

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

Not recommended for fuels, mineral based hydraulic and lubricating oils and water-oil-emulsion.

#### Construction

Tube: Synthetic rubber  
Reinforcement: High-tensile fibre braid  
Cover: High performance polyurethane material in different colours



- High level of hose flexibility
- High abrasion resistance
- High torsion resistance
- Free from wetting disturbing substances (LABS free)
- Low push-in forces

#### Recommended Fluids

Air, dry air, water and water-glycol-emulsions.  
Consult the chemical compatibility section in catalogue C4400/UK, pages **Ab-26** to **Ab-34** for more detailed information.

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

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

#### Fitting Series



| Part Number     | Hose I.D. |      |      |      | Hose O.D.<br>mm | Pressure Rating              |     |                            |     | Vacuum* | min. bend radius<br>mm | weight<br>kg |
|-----------------|-----------|------|------|------|-----------------|------------------------------|-----|----------------------------|-----|---------|------------------------|--------------|
|                 | DN        | Inch | Size | mm   |                 | max. working pressure<br>MPa | psi | min. burst pressure<br>MPa | psi |         |                        |              |
| 837PU-4-XXX-RL  | 6         | 1/4  | -4   | 6.4  | 12.7            | 1.6                          | 235 | 6.4                        | 940 | 95      | 30                     | 0.11         |
| 837PU-6-XXX-RL  | 10        | 3/8  | -6   | 9.5  | 15.9            | 1.6                          | 235 | 6.4                        | 940 | 95      | 50                     | 0.15         |
| 837PU-8-XXX-RL  | 12        | 1/2  | -8   | 12.7 | 19.8            | 1.6                          | 235 | 6.4                        | 940 | 95      | 70                     | 0.26         |
| 837PU-10-XXX-RL | 16        | 5/8  | -10  | 15.9 | 23.0            | 1.6                          | 235 | 6.4                        | 940 | 51      | 90                     | 0.27         |
| 837PU-12-XXX-RL | 19        | 3/4  | -12  | 19.1 | 26.2            | 1.6                          | 235 | 6.4                        | 940 | 51      | 110                    | 0.33         |
| 837PU-16-XXX-RL | 25        | 1    | -16  | 25.4 | 32.5            | 1.6                          | 235 | 6.4                        | 940 | 51      | 180                    | 0.52         |

\* 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: 837PU-4-GRN-RL

#### Colour codes

BLK = black  
BLU = blue  
RED = red  
GRN = green  
GRA = grey



RL = only available on reels

#### Hose layline example

PARKER PUSH-LOK 837PU-Plus-8 WP 1,6 MPa (235 PSI) | ° ° 12,5 mm (1/2)



B1a-7

Catalogue 4400/UK