

821FR

Push-Lok

With fire retardant hose cover

Primary Applications

All Markets: For a variety of applications

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: A fire retardant special fiber outer cover in different colours

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

Exception: Air max. +100 °C

Water max. +85 °C



- Fire retardant hose cover
- Very flexible
- For high level air temperatures

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. mm | Pressure Rating | | | | Vacuum* | min. bend radius mm | weight kg |
|-----------------|-----------|------|------|------|-----------------|------------------------------|-----|----------------------------|------|---------|------------------------|--------------|
| | DN | Inch | Size | mm | | max. working pressure MPa | psi | min. burst pressure MPa | psi | | | |
| 821FR-4-XXX-RL | 6 | 1/4 | -4 | 6.4 | 12.7 | 2.4 | 350 | 9.6 | 1400 | 95 | 65 | 0.12 |
| 821FR-6-XXX-RL | 10 | 3/8 | -6 | 9.5 | 15.9 | 2.1 | 300 | 8.4 | 1200 | 95 | 75 | 0.16 |
| 821FR-8-XXX-RL | 12 | 1/2 | -8 | 12.7 | 19.8 | 2.1 | 300 | 8.4 | 1200 | 95 | 130 | 0.18 |
| 821FR-12-XXX-RL | 19 | 3/4 | -12 | 19.1 | 26.2 | 1.7 | 250 | 6.8 | 1000 | 95 | 180 | 0.33 |

* 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: 821FR-4-GRN-RL

Colour codes

BLK = black

BLU = blue

GRN = green

RL = only available on reels



Hose layline example

PARKER PUSH-LOK 821FR-8 WP 2,0 MPa (300 PSI) 12,5 mm (1/2) 11-4Q85