

## 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.  
Not suitable for high dynamic pulsation systems.  
Not recommended for fuels (petrol, diesel etc.)

#### Construction

Tube: Synthetic PKR-rubber  
Reinforcement: High-tensile fibre braid  
Cover: A fire retardant special fiber outer cover

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 on pages **Ab-24** to **Ab-32** 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	9.7	1400	95	65	0.12
821FR-6-XXX-RL	10	3/8	-6	9.5	15.9	2.0	300	8.3	1200	95	75	0.16
821FR-8-XXX-RL	12	1/2	-8	12.7	19.8	2.0	300	8.3	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, specify Push-Lok hose part number, followed by size, followed by colour. Example: 821FR-4-XXX-RL

XXX = BLK = black

BLU = blue

GRN = green

Example: 821FR-4-GRN-RL (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