

# 831

## Push-Lok

Ideal for petroleum based fluids



- Max. working pressure up to 2.4 MPa
- High temperature level for petroleum based fluids
- Nitrile (NBR) inner tube – extended fluid compatibility

### Primary Applications

All Markets: For a wide range of fluids

### 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: Nitrile (NBR)  
Reinforcement: High tensile textile layer  
Cover: High performance synthetic rubber in different colours

### Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant, antifreeze, air, water and water-oil emulsions.  
Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** 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.	Pressure Rating				Vacuum kilo Pascal *1 kPa	min. bend radius mm	weight kg
	DN	Inch	Size	mm	mm	max. dynamic working pressure		min. burst pressure				
						MPa	psi	MPa	psi			
831-4-XXX-RL	6	1/4	-4	6.3	12.7	2.4	350	9.7	1400	95	65	0.13
831-6-XXX-RL	10	3/8	-6	9.5	15.9	2.0	300	8.3	1200	95	75	0.16
831-8-XXX-RL	12	1/2	-8	12.7	19.8	2.0	300	8.3	1200	95	130	0.27
831-10-XXX-RL	16	5/8	-10	15.9	23.0	2.0	300	8.3	1200	51	150	0.28
831-12-XXX-RL	20	3/4	-12	19.1	26.2	2.0	300	8.3	1200	51	180	0.36

\*1 = 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: 831-4-XXX-RL

XXX = BLK = black  
BLU = blue  
RED = red  
GRN = green



Example: 831-4-GRN-RL (green)  
RL = only available on reels