

831

Push-Lok

Ideal for petroleum based fluids



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.)

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

Construction

Tube: Nitrile (NBR)

Reinforcement: High-tensile fibre braid

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

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Part Number	Hose				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			
831-4-XXX-RL	6	1/4	-4	6.4	12.7	2.4	350	9.7	1400	95	65	0.13
831-6-XXX-RL	10	3/8	-6	9.5	16.9	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	19	3/4	-12	19.1	26.2	2.0	300	8.3	1200	51	180	0.36
831-16-XXX-RL	25	1	-16	25.4	32.5	1.4	200	5.5	800	51	250	0.37

* 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

Hose layline example

PARKER PUSH-LOK 831-8 WP 2,1 MPa (300 PSI) | • • 12,5 mm (1/2)

