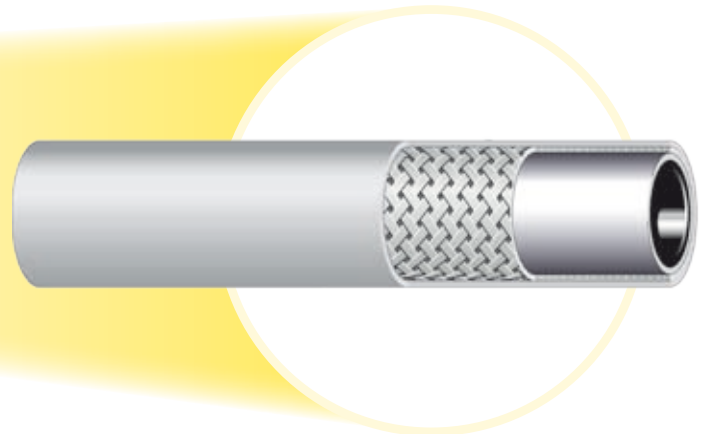


801 – Push-Lok Hose

for a variety of applications

Main Features

- Very flexible
- Wide range of colours
- Available up to size -16



Primary Applications/Restrictions

All Markets: For low demanding applications
Paper and Pulp: For water / air applications
Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for motor fuels.

Hose Construction

Tube: Synthetic rubber
Reinforcement: High tensile textile layer
Cover: High performance synthetic rubber in different colours

Recommended Fluids

Air, dry air, water, water-oil-emulsions and water-glycol-emulsions. (Mineral based hydraulic and lubricating oils with chemical and thermal (70 °C) restriction). Consult the chemical compatibility section on pages 50–55 for more detailed information.

Temperature Range

-40 °C up to +100 °C
 Exception: Air max. +70 °C
 Water max. +85 °C

Fittings Series



XXXX-XX-XX Part Number	Hose I.D.				Hose O.D.	Pressure rating				Vacuum kilo Pascal*1 kPa	min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm	mm	max. dynamic working pressure		min. burst pressure				
						MPa	psi	MPa	psi			
801-4-XXX-RL	6	1/4	-4	6,3	12,7	1,7	250	6,8	1000	95	65	0,13
801-6-XXX-RL	10	3/8	-6	9,5	15,9	1,7	250	6,8	1000	95	75	0,16
801-8-XXX-RL	12	1/2	-8	12,7	19,8	1,7	250	6,8	1000	95	130	0,27
801-10-XXX-RL	16	5/8	-10	15,9	23,0	1,7	250	6,8	1000	51	150	0,28
801-12-XXX-RL	20	3/4	-12	19,1	26,2	1,7	250	6,8	1000	51	180	0,36
801-16-XXX-RL	25	1	-16	25,4	32,5	1,2	175	4,8	700	51	250	0,55

*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: 801-4-XXX-RL

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



Example: 801-4-GRN-RL (green)
 RL = only available on reels

801-16-XXX-RL is only available in grey or black.

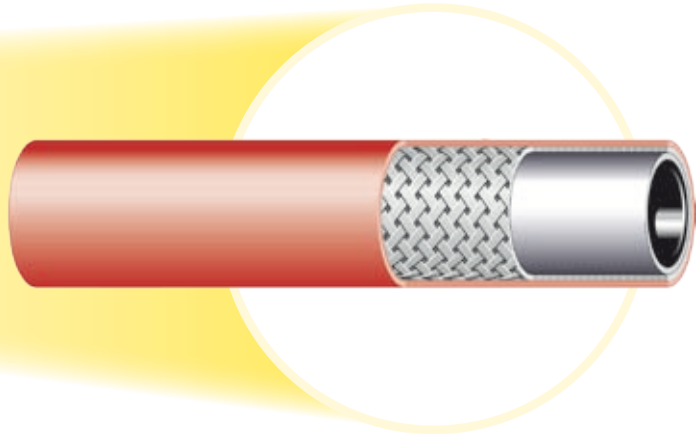
Information about standard products or non-standard products can be found in the current price list.
 Dimensions shown may be changed at any time without prior notice.

830M – Push-Lok Hose

for a variety of applications including automotive

Main Features

- Chemical resistant for a wide range of fluids
- High abrasion resistance
- Free of wetting disturbing substances
- Small O.D. and bend radii



Primary Applications/Restrictions

All Markets: For a variety of applications

Robot and Automotive market:

For hose bundle systems

Not permitted for use in air brake systems.

Not suitable for high dynamic pulsation systems.

Not recommended for motor fuels.

Hose Construction

Tube: Polyurethane material

Reinforcement: High tensile textile layer

Cover: High performance polyurethane material 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 50-55 for more detailed information.

Temperature Range -40 °C up to +80 °C

Fittings Series



XXXX-XX-XX Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				Vacuum kilo Pascal*1 kPa	min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm		max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi			
830M-4-XXX-RL	6	1/4	-4	6,3	10,7	1,6	232	6,4	928	10	30	0,08
830M-6-XXX-RL	10	3/8	-6	9,5	14,9	1,6	232	6,4	928	10	50	0,13
830M-8-XXX-RL	12	1/2	-8	12,7	19,1	1,6	232	6,4	928	10	70	0,20
830M-10-XXX-RL	16	5/8	-10	16,0	23,0	1,6	232	6,4	928	10	90	0,26
830M-12-XXX-RL	20	3/4	-12	19,0	26,0	1,6	232	6,4	928	10	110	0,31

*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: 830M-4-XXX-RL

XXX = BLK = black

BLU = blue

RED = red

GRN = green



Example: 830M-4-GRN-RL (green)

RL = only available on reels

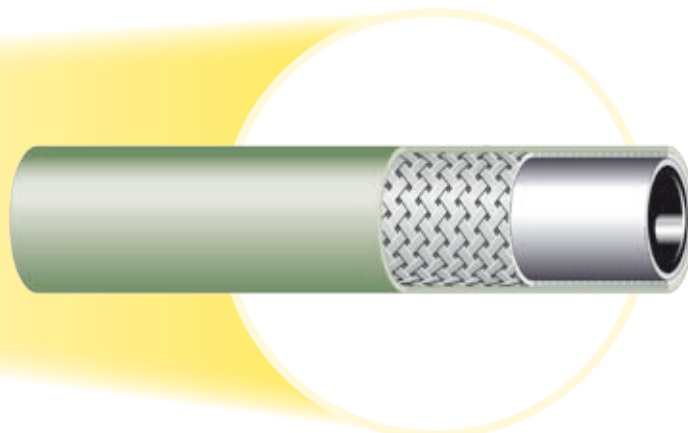
Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.

831 – Push-Lok Hose

ideal for petroleum based fluids

Main Features

- Max. working pressure up to 2,4 MPa
- High temperature level for petroleum based fluids
- Nitrile (NBR) inner tube – extended fluid compatibility



Primary Applications/Restrictions

All Markets: For a wide range of fluids
Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for motor fuels.

Hose Construction

Tube: Synthetic rubber
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 50-55 for more detailed information.

Temperature Range

-40 °C up to +100 °C
 Exception: Air max. +70 °C
 Water max. +85 °C

Fittings Series



Part Number	Hose I.D.				Hose O.D. mm	Pressure rating				Vacuum kilo Pascal*1 kPa	min. bend radius mm	Weight kg/m
	DN	Inch	Size	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

Information about standard products or non-standard products can be found in the current price list. Dimensions shown may be changed at any time without prior notice.