

## 830M

### Push-Lok

For a variety of applications  
including automotive

#### Primary Applications

All Markets: For a variety of applications  
Robot and Automotive market:  
For hose bundle systems

#### Restrictions

Not permitted for use in air brake systems and  
high dynamic pulsation systems.  
Not recommended for fuels.

#### Construction

Inner tube: Polyurethane material  
Reinforcement: High-tensile fibre braid  
Cover: High performance polyurethane material  
in different colours



- Chemical resistant for a wide range of fluids
- High abrasion resistance
- Free of wetting disturbing substances (LABS free)
- Small OD and bend radii
- Excellent UV and ozone resistance

#### 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.

Temperature Range ..... -40 °C up to +80 °C

#### 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			
830M-4-XXX-RL	6	1/4	-4	6.4	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	15.9	23.0	1.6	232	6.4	928	10	75	0.26
830M-12-XXX-RL	19	3/4	-12	19.1	26.0	1.6	232	6.4	928	10	110	0.31

\* 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: 830M-4-GRN-RL

#### Colour codes

BLK = black  
BLU = blue  
RED = red  
GRN = green  
TRA = transparent, size -6 & -8  
RL = only available on reels



#### Hose layline example

<<<<< **Parker** PUSH-LOK 830M-6 DN10 WP 1.6 MPa (232 PSI) QC15812345 23/07/16 23:32 <<<<<