

## Low Pressure Push-Lok

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## Multipurpose

**801PLUS**  
B1a-1   
**Push-Lok Plus**  
For a variety of applications

**830M**  
B1a-6   
**Push-Lok**  
For a variety of applications including automotive

**837BM**  
B1a-8   
**Push-Lok**  
For a variety of applications including automotive

**837PU-Plus**  
B1a-9   
**Hybrid Push-Lok**  
For a variety of high demanding applications

## Railway

**801RH**  
B1a-2   
**Push-Lok**  
Fire retardant cover

## Thermal Management

**801TM**  
B1a-3   
**Push-Lok**  
Fire retardant cover

## Phosphate Ester

**804**  
B1a-4   
**Push-Lok**  
For high temperature water and phosphate ester fluid

## High temperature

**836**  
B1a-7   
**Push-Lok**  
For high oil temperatures

**846**  
B1a-11   
**Push-Lok**  
For high oil temperatures

## Fire retardant

**821FR**  
B1a-5   
**Push-Lok**  
With fire retardant hose cover

## Non-conductive

**838M**  
B1a-10   
**Push-Lok**  
For non-conductive applications

# 837BM

## Push-Lok

For a variety of applications including automotive

### Primary Applications

All Markets: For a variety of applications  
Automotive: For water / air applications

### Restrictions

Not permitted for use in air brake systems and high dynamic pulsation systems.  
Not recommended for fuels, mineral based hydraulic and lubricating oils and water-oil-emulsion.

### Construction

Inner tube: Synthetic rubber  
Reinforcement: High-tensile fibre braid  
Cover: High performance synthetic rubber in different colours

Temperature Range ..... -40 °C up to +100 °C

Exception: Air ..... max. +70 °C  
Water ..... max. +85 °C



- High level of hose flexibility
- High abrasion resistance
- Free from wetting disturbing substances (LABS free)
- Low push-in forces

### Recommended Fluids

Air, dry air, water and water-glycol-emulsions.  
Consult the chemical compatibility section pages **Ab-26 to Ab-34** for more detailed information.

### Fitting Series



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				Vacuum* kPa	min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
837BM-4-XXX-RL	6	1/4	-4	6.4	12.1	1.6	235	6.4	940	95	65	0.13
837BM-6-XXX-RL	10	3/8	-6	9.5	15.6	1.6	235	6.4	940	95	75	0.16
837BM-8-XXX-RL	12	1/2	-8	12.7	19.4	1.6	235	6.4	940	95	125	0.27
837BM-10-XXX-RL	16	5/8	-10	15.9	23.1	1.6	235	6.4	940	51	150	0.28
837BM-12-XXX-RL	19	3/4	-12	19.1	25.7	1.6	235	6.4	940	51	180	0.36
837BM-16-XXX-RL	25	1	-16	25.4	33.0	1.6	235	6.4	940	51	250	0.55

\* 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: 837BM-4-GRN-RL

### Colour codes

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



RL = only available on reels

### Hose layline example

PARKER PUSH-LOK 837BM-10 WP 1,6 MPa [235 PSI] | • • 16 mm [5/8]