

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

838M

Push-Lok

For non-conductive applications

Primary Applications

Special Market: For special electrical requirements,
e.g. cooling lines with deionized water

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: Orange colored polyurethane material

Temperature Range -40 °C up to +80 °C



- Non conductive hose
- High level of hose flexibility
- High abrasion resistance
- Free of wetting disturbing substances (LABS free)
- Small OD and bend radii
- Excellent UV and ozone resistance
- UL 94 HB compliant

Recommended Fluids

Mineral based hydraulic and lubricating oils, coolant,
antifreeze, air, water, water-oil 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				Vaccum* kPa	min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi			
838M-4-RL	6	1/4	-4	6.4	11.2	1.6	232	6.4	928	10	30	0.08
838M-6-RL	10	3/8	-6	9.5	15.0	1.6	232	6.4	928	10	50	0.13
838M-8-RL	12	1/2	-8	12.7	19.1	1.6	232	6.4	928	10	70	0.20
838M-10-RL	16	5/8	-10	15.9	23.0	1.6	232	6.4	928	10	75	0.26
838M-12-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
RL = only available on reels



Hose layline example

