

Low Pressure Push-Lok

Hoses		Page
801Plus	Multipurpose	B1a-1
801RH	Railway	B1a-2
801TM	Thermal Management	B1a-3
804	Phosphate Ester	B1a-4
821FR	Fire retardant	B1a-5
830M	Multipurpose	B1a-6
836	High temperature	B1a-7
837BM	Multipurpose	B1a-8
837PU	Multipurpose	B1a-9
838M	Non-conductive	B1a-10
846	High temperature	B1a-11

Index

Fittings Series	82
Chapter	B1b
DIN - Metric	1 - 7
BSP	8 - 10
SAE	11 - 14
ORFS	15
Others	16 - 18
Assembly Instructions / Tools	19

Parker Hannifin assumes no liability for typographical errors or other errors

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

836

Push-Lok

For high oil temperatures



- Max. oil temperature up to +150 °C
- MSHA approved

Primary Applications

All Markets: Special high temperature applications

Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

Restrictions

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

Construction

Inner tube: PKR synthetic rubber
Reinforcement: High-tensile fibre braid
Cover: MSHA approved black or blue
PKR synthetic rubber

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 -48 °C up to +150 °C
Exception: Air max. +100 °C
Water max. +85 °C

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			
836-4-XXX-RL	6	1/4	-4	6.4	12.7	2.8	400	11.2	1600	95	65	0.13
836-6-XXX-RL	10	3/8	-6	9.5	15.9	2.8	400	11.2	1600	95	75	0.16
836-8-XXX-RL	12	1/2	-8	12.7	19.8	2.8	400	11.2	1600	95	100	0.27
836-10-XXX-RL	16	5/8	-10	15.9	23.0	2.4	350	9.6	1400	61	125	0.28
836-12-XXX-RL	19	3/4	-12	19.1	26.2	2.1	300	8.4	1200	61	150	0.36

* 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: 836-4-BLK-RL

Colour codes

BLK = black
BLU = blue



RL = only available on reels

Hose layline example

PARKER HI-TEMP PUSH-LOK 836-8 WP 1,7 MPa (250 PSI) MSHA IC-40/22 I • • 12,5 mm (1/2)