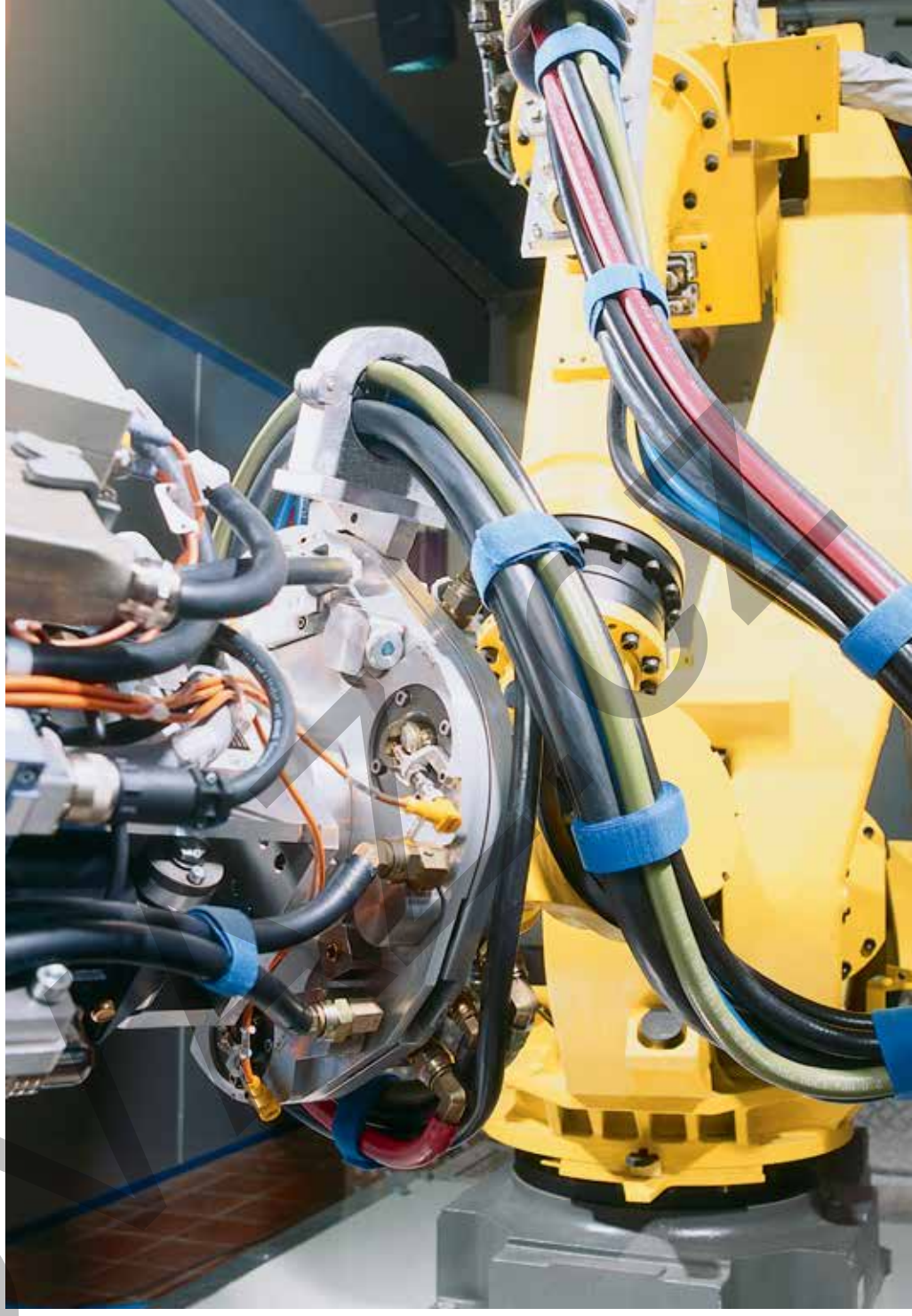


Hydraulic Hoses and Fittings

Low Pressure

Parker

ENGINEERING YOUR SUCCESS.

Push-Lok®

The self-grip hose system for low-pressure applications

Parker's Push-Lok hose line features the widest fluid compatibility, application and size range in the industry. The Push-Lok system is easy to use. No clamps or special tools are required during installation. And with Parker's exclusive color-code system, you can inventory, maintain and identify your hose needs easily and efficiently.
The industry's most complete line of low-pressure hose and fittings,
Push-Lok offers the range and versatility to meet all your instrumentation needs.

One fitting series for all hose types with a wide range of end-configurations

DIN, BSP, SAE, JIC and ORFS connections in

- brass
- steel
- stainless steel

Wide range of hose types

7 x rubber

801PLUS for a variety of applications
801RH for train vehicles
804 for high-temperature water/phosphate ester fluids
821FR with fire-retardant hose cover
836, 846 for high oil temperatures
837BM for a variety of applications including automotive

2 x thermoplastic

830M for a variety of applications including automotive
838M for non-conductive applications

1 x hybrid

837PU-PLUS for a variety of high demanding applications including automotive

Wide range of applications

The outstanding properties

- Easy assembly and organisation with Parker's exclusive color-code system
- Push-Lok assemblies can be made in seconds, saving valuable time and cost
- The unique seal of Push-Lok ensures reliable, durable, leak-free service
- High functional saftey with a design factor of 4
- Wide range of hose and fittings for a wide range of applications

Exclusive color-code system

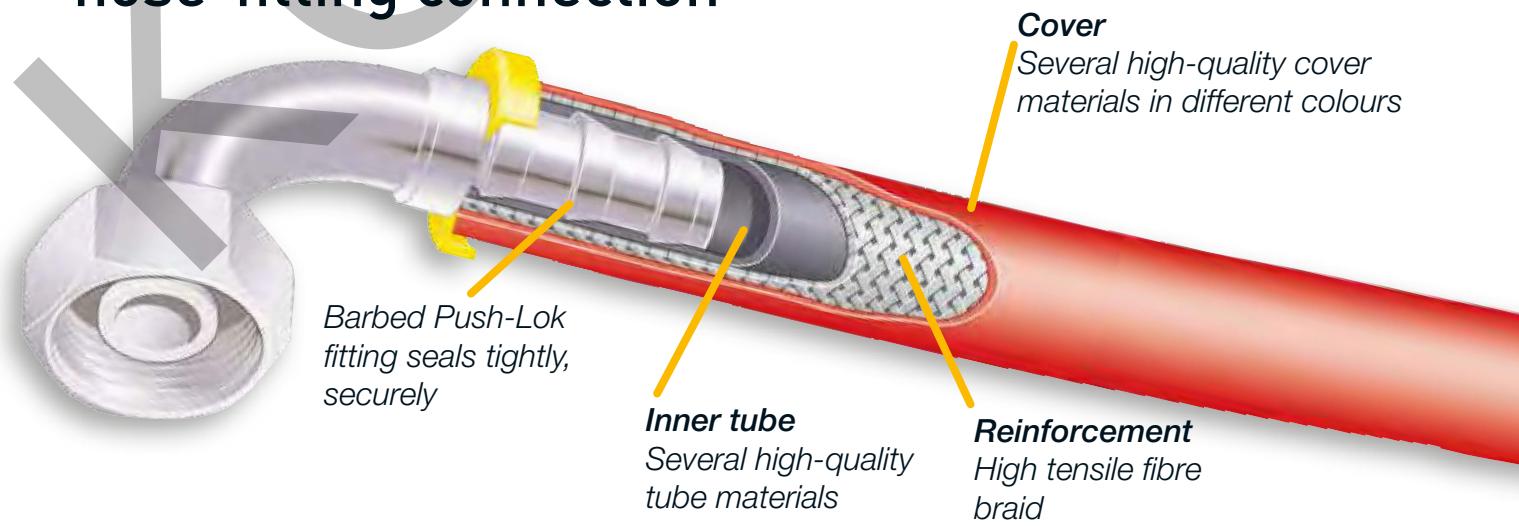
6 different colours

In applications where a number of hose lines carry different media, Push-Lok colors reduce timely "tracing" of lines, preventing disconnection of wrong line and unnecessary, downtime.

Using color-coded Push-Lok hose is an excellent way to:

- Enhance product appearance
- Improve inventory control
- Identify industrial drop lines
- Easy control of maintenance intervals
- Simple stock planning in different departments

Hose construction and hose-fitting connection



Low Pressure Push-Lok

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

801PLUS

Push-Lok Plus

For a variety of applications

- Global availibility and performance
- Very flexible
- Available in 6 colours
- Available up to size -16
- Nitrile (NBR) inner tube – extended fluid compatibility
- Improved oil compatibility

Primary Applications

All Markets: For low pressure applications
Paper and Pulp: For water / air applications

Restrictions

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

Construction

Inner tube: Nitrile (NBR)
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

Recommended Fluids

Air, water, water-oil emulsions, water-glycol and mineral based hydraulic respectively lubricating oils.
Consult the chemical compatibility section pages ***Ab-26*** to ***Ab-34*** for more detailed information.

Fitting Series

82

Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		Vaccum*	min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	kPa	mm	kg
801PLUS-4-XXX-RL	6	1/4	-4	6.4	12.1	2.4	350	9.7	1400	95	65	0.13
801PLUS-6-XXX-RL	10	3/8	-6	9.5	15.6	2.4	350	9.7	1400	95	75	0.16
801PLUS-8-XXX-RL	12	1/2	-8	12.7	19.4	2.1	300	8.4	1200	95	125	0.27
801PLUS-10-XXX-RL	16	5/8	-10	15.9	23.1	2.1	300	8.4	1200	51	150	0.28
801PLUS-12-XXX-RL	19	3/4	-12	19.1	25.7	2.1	300	8.4	1200	51	180	0.36
801PLUS-16-XXX-RL	25	1	-16	25.4	33.0	1.4	200	5.6	800	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 relavant colour code. Example: 801PLUS-4-BLU-RL

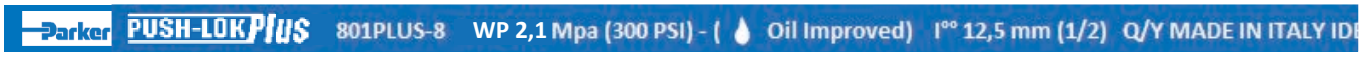
For 801PLUS in yellow (YEL) only, please consider the part-number without PLUS. Example: 801-4-YEL-RL

Colour codes

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

RL = only available on reels

Hose layline example



801RH
Push-Lok
Fire retardant cover

- Very flexible
- Railway approved:
  - European Standard EN45545 HL2 for R22 (internal) and R23 (external)

Primary Applications
For low pressure railway applications

Restrictions
Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for fuels (petrol, diesel etc.).
Not recommended for mineral based hydraulic and lubricating oils.

Construction
Tube: Synthetic rubber
Reinforcement: High-tensile fibre braid
Cover: Fire retardant synthetic rubber

Recommended Fluids
Air, water, water-oil-emulsions and water-glycol-emulsions.
Consult the chemical compatibility section on pages ***Ab-26*** to ***Ab-34*** for more detailed information.

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

Fitting Series
82

Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		Vaccum*	min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	kPa	mm	kg
801RH-4-BLK-RL	6	1/4	-4	6.4	12.7	2.4	350	9.7	1400	95	65	0.13
801RH-6-BLK-RL	10	3/8	-6	9.5	15.9	2.4	350	9.7	1400	95	75	0.16

* The vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa

Colour code
BLK = black

The hose is available in black only
RL = only available on reels

Hose layline example
Parker 801RH-4 WP 2,4 MPa (350 PSI) I • • 6,3 mm (1/4") - EN 45545 - Made in Italy 4Q/17 0XX00

801TM
Push-Lok
Fire retardant cover

- Very flexible
- UL approved:
  - Class YDQS2 with VW-1 flame test
  - UL 94 V0 for cover compound

Primary Applications
Thermal management electronics applications

Restrictions
Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for fuels (petrol, diesel etc.).
Not recommended for mineral based hydraulic and lubricating oils.

Construction
Tube: Synthetic rubber
Reinforcement: High-tensile fibre braid
Cover: Fire retardant synthetic rubber

Recommended Fluids
Air, water, water-oil-emulsions and water-glycol-emulsions.
Consult the chemical compatibility section on Parker catalog for more detailed information.

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

Fitting Series
82

Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		Vaccum*	min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	kPa	mm	kg
801TM-4-RL	6	1/4	-4	6.4	12.7	2.4	350	9.7	1400	95	65	0.13
801TM-6-RL	10	3/8	-6	9.5	15.9	2.4	350	9.7	1400	95	75	0.16
801TM-8-RL	12	1/2	-8	12.7	19.4	2.1	350	8.4	1200	95	125	0.27
801TM-10-RL	16	5/8	-10	15.9	23.1	2.1	350	8.4	1200	51	150	0.28
801TM-12-RL	19	3/4	-12	19.1	25.7	2.1	350	8.4	1200	51	180	0.36
801TM-16-RL	25	1	-16	25.4	33.0	1.4	350	5.6	800	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
RL = only available on reels

Hose layline example

Parker 801TM-4 WP 2,4 MPa (350 PSI) | • • 6,4 mm (1/4") E524670 UL VW-1 - UL 94 V0 Made in Italy

804

Push-Lok

For high temperature
water and phosphate ester fluid

- For hot water up to +93 °C
- For phosphate ester fluids

Primary Applications

Injection Moulding: For special tempering circuits.

Restrictions

Not permitted for use in air brake systems and high dynamic pulsation systems.
Do not allow tube to contact any petroleum based fluids.

Construction

Inner tube: EPDM synthetic rubber
Reinforcement: High-tensile fibre braid
Cover: EPDM synthetic rubber , black

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

Exception: Air ..... max. +70 °C
Water ..... max. +93 °C

Recommended Fluids

Phosphate ester based hydraulic fluids, water, water glycol emulsions, air. Use liquid soap as lubricant. 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.	Pressure Rating				Vaccum*	min. bend radius	weight
						max. working pressure		min. burst pressure				
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	kPa	mm	kg
804-4-RL	6	1/4	-4	6.4	12.7	1.0	150	4.0	600	51	65	0.13
804-6-RL	10	3/8	-6	9.5	15.9	1.0	150	4.0	600	51	75	0.16
804-8-RL	12	1/2	-8	12.7	19.8	1.0	150	4.0	600	51	130	0.27
804-10-RL	16	5/8	-10	15.9	23.0	1.0	150	4.0	600	51	150	0.28
804-12-RL	19	3/4	-12	19.1	26.2	1.0	150	4.0	600	51	180	0.36

RL = only available on reels

Cover color

Hose layline example

Parker PUSH-LOK 804-8 WP 1,0 MPA (150 PSI) 12,5 mm (1/2) 1Q95

821FR

Push-Lok

With fire retardant hose cover

- Fire retardant hose cover
- Very flexible
- For high level air temperatures
- UL 94 HB compliant

Primary Applications

All Markets: For a variety of applications

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: A fire retardant special fiber outer cover in different colours

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

Exception: Air ..... max. +100 °C
Water ..... max. +85 °C

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.

Fitting Series

Part Number	Hose I.D.				Hose O.D.	Pressure Rating				Vaccum*	min. bend radius	weight
						max. working pressure		min. burst pressure				
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	kPa	mm	kg
821FR-4-XXX-RL	6	1/4	-4	6.4	12.7	2.4	350	9.6	1400	95	65	0.12
821FR-6-XXX-RL	10	3/8	-6	9.5	15.9	2.1	300	8.4	1200	95	75	0.16
821FR-8-XXX-RL	12	1/2	-8	12.7	19.8	2.1	300	8.4	1200	95	130	0.18
821FR-12-XXX-RL	19	3/4	-12	19.1	26.2	1.7	250	6.8	1000	95	180	0.33

* 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 relavant colour code. Example: 821FR-4-GRN-RL

Colour codes
BLK = black
BLU = blue
GRN = green

RL = only available on reels

Hose layline example

PARKER PUSH-LOK 821FR-8 WP 2,0 MPa (300 PSI) 12,5 mm (1/2) 11-4Q85

830M

Push-Lok

For a variety of applications including automotive

- 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
- UL 94 HB compliant

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

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.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		Vaccum*	min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	kPa	mm	kg
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 relavant 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 <<<<<

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

Temperature Range ..... -48 °C up to +150 °C

Exception: Air ..... max. +100 °C
Water ..... max. +85 °C

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.

Fitting Series

82

Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		Vaccum*	min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	kPa	mm	kg
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 relavant 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)

837BM

Push-Lok

For a variety of applications
including automotive

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

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

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

82

Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		Vaccum*	min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	kPa	mm	kg
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 relavant 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) I • • 16 mm (5/8)

837PU-*Plus*

Hybrid Push-Lok

For a variety of high demanding applications

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

Primary Applications

All Markets: For high demand applications
For energy chain systems
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, mineral based hydraulic and lubricating oils and water-oil-emulsion.

Construction

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

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

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

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

82

Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		Vaccum*	min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	kPa	mm	kg
837PU-4-XXX-RL	6	1/4	-4	6.4	12.3	1.6	235	6.4	940	95	30	0.11
837PU-6-XXX-RL	10	3/8	-6	9.5	15.5	1.6	235	6.4	940	95	50	0.15
837PU-8-XXX-RL	12	1/2	-8	12.7	19.5	1.6	235	6.4	940	95	70	0.26
837PU-10-XXX-RL	16	5/8	-10	15.9	22.6	1.6	235	6.4	940	51	90	0.27
837PU-12-XXX-RL	19	3/4	-12	19.1	26.2	1.6	235	6.4	940	51	110	0.33
837PU-16-XXX-RL	25	1	-16	25.4	32.8	1.6	235	6.4	940	51	180	0.52

* 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 relavant colour code. Example: 837PU-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 837PU-Plus-8 WP 1,6 MPa (235 PSI) I ° ° 12,5 mm (1/2)

838M

Push-Lok

For non-conductive applications

- 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

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

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.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		Vaccum*	min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	kPa	mm	kg
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
Cover color

Hose layline example

<<<<< Parker PUSH-LOK 838M-6 DN10 WP 1.6 MPa (232 PSI) QC15812345 23/07/16 23:12 <<<<<

846

Push-Lok

For high oil temperatures

- For high temperature applications up to + 150 °C
- MSHA approved
- Lower fitting insertion force

Primary Applications

All markets: Special high temperature applications

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

Temperature Range ..... -48 °C up to +150 °C

Exception: Air ..... max. +100 °C
Water ..... max. +85 °C

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.

Fitting Series

Part Number	Hose I.D.				Hose O.D.	Pressure Rating				Vaccum*	min. bend radius	weight
						max. working pressure		min. burst pressure				
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	kPa	mm	kg
846-4-XXX-RL	6	1/4	-4	6.4	12.6	1.6	230	6.4	930	95	65	0.13
846-6-XXX-RL	10	3/8	-6	9.5	15.8	1.6	230	6.4	930	95	75	0.19
846-8-XXX-RL	12	1/2	-8	12.7	19.8	1.6	230	6.4	930	95	130	0.27
846-10-XXX-RL	16	5/8	-10	15.9	23.1	1.6	230	6.4	930	51	150	0.31
846-12-XXX-RL	19	3/4	-12	19.1	26.2	1.6	230	6.4	930	51	180	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 relavant colour code. Example: 846-4-GRN-RL

Colour codes
BLK = black
BLU = blue
RL = only available on reels

Hose layline example