

Additional Data/Spec Sheet

801 Series – Low Pressure – Push-Lok Hose – Grey



Primary Applications/Restrictions

All Markets: For low demanding applications
Paper and Pulp: For water / air applications
Not permitted for use in air brake systems.
Not suitable for high dynamic pulsation systems.
Not recommended for motor fuels.

Hose Construction

Tube: Synthetic rubber
Reinforcement: High tensile textile layer
Cover: High performance synthetic rubber

Recommended Fluids

Air, dry air, water, water-oil-emulsions and water-glycol-emulsions. (Mineral based hydraulic and lubricating oils with chemical and thermal (70 °C) restriction).
 Consult the chemical compatibility section on pages 50–55 for more detailed information.

Temperature Range

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

Fluidco & Parker Part Numbers	Hose I.D.				Hose O.D.		Pressure rating				Vacuum kilo Pascal*1 kPa	min. bend radius mm	Weight kg/m
	DN	Inch	Size	mm	mm	max. dynamic working pressure MPa	psi	min. burst pressure MPa	psi				

PL-801-04

801-4-GRA-RL	6	1/4	-4	6,3	12,7	1,7	250	6,8	1000	95	65	0,13
--------------	---	-----	----	-----	------	-----	-----	-----	------	----	----	------

PL-801-06

801-6-GRA-RL	10	3/8	-6	9,5	15,9	1,7	250	6,8	1000	95	75	0,16
--------------	----	-----	----	-----	------	-----	-----	-----	------	----	----	------

PL-801-08

801-8-GRA-RL	12	1/2	-8	12,7	19,8	1,7	250	6,8	1000	95	130	0,27
--------------	----	-----	----	------	------	-----	-----	-----	------	----	-----	------

PL-801-10

801-10-GRA-RL	16	5/8	-10	15,9	23,0	1,7	250	6,8	1000	51	150	0,28
---------------	----	-----	-----	------	------	-----	-----	-----	------	----	-----	------

PL-801-12

801-12-GRA-RL	20	3/4	-12	19,1	26,2	1,7	250	6,8	1000	51	180	0,36
---------------	----	-----	-----	------	------	-----	-----	-----	------	----	-----	------

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

GRA = grey



Recommended Industry Applications for 801 Series Parker Push-Lok Hose

Paper Industry

▶ Main applications

- Water and emulsions
- Compressed air

▶ Typical requirements

- Resistance to water emulsions
- Partial high temperature demands
- Good assembly characteristics for in-the-field operation

▶ Hose recommendation

- 801
- 836 for oil and oil emulsions, if temperature +70 °C up to +150 °C



Chemical Industry

▶ Main applications

- Water, emulsions and alkalis
- Compressed air

▶ Typical requirements

- Media resistance
- Coloured versions for media identification

▶ Hose recommendation

- 801, 830M
- 831 for oil and oil emulsions, if temperature +70 °C up to +100 °C

Push-Lok® for multiple applications

Transfer Lines (Automotive and other)

▶ Main applications

- Compressed air (dry and oiled)
- Vacuum

▶ Typical requirements

- Resistance to ultra-dry compressed air
- Vacuum- and nick-resistance at low bend radii
- Free from substances interfering with paint wetting
- Coloured versions for media identification
- Good assembly characteristics for in-the-field assembly

▶ Hose recommendation

- 801 (not automotive industry)
- 830M, 837BM, 837PU-Plus (automotive industry)

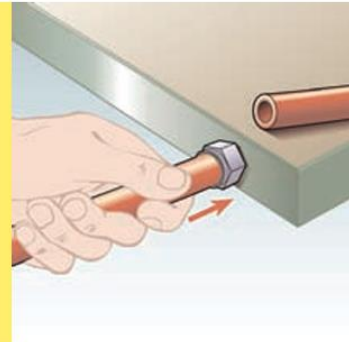


Assembly Instructions



1. Cut the hose right angled with a sharp knife. If necessary it is possible to use a lubricant (water/ soap solution with 5 % soap fluid and 95 % water) for easy assembly.

2. Insert fitting into hose until first barb is in hose. Place end of fitting against a flat object (bench, door, wall) and grip hose approximately 1" from end and push with a steady force until end of hose is covered by yellow plastic collar. Alternatively please use the Parker Assembly Tool No. 611050G.

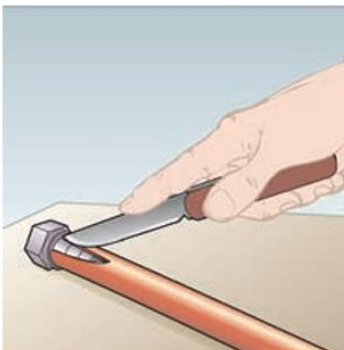


Attention!

During assembly, please keep in mind that Push-Lok fittings will provide an effective grip only when the Push-Lok hose is pushed fully on the insert, where the cropped end of the hose should be fully concealed by the plastic collar.

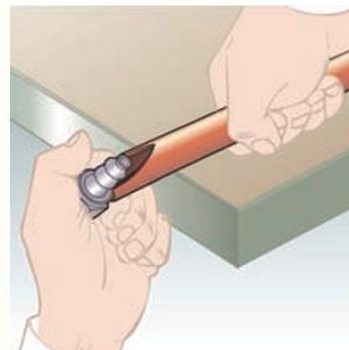
For easy assembly of hose 830M, 837BM and 837PU please use only Push-Lok Assembly Oil No. H896137. Push-Lok Assembly Oil is free from wetting disturbing substances. Don't use oil, lubricant or soap fluids for this hose!

Disassembly Instructions



1. Cut lengthwise along a line at approximately a 20 angle from centre line of hose. The cut should be approximately 1" long. Be careful not to nick barbs when cutting the hose.

2. Grip hose and give a sharp down-ward tug to disengage from fitting.



Attention!

Before re-use of the nipple please check nipple for damage. Damaged nipples can cause leakage.