Premium products and leak-free solutions are what you'll get with every Parker Push-Lok hose and fitting system. With the most complete line of high-guality, low-pressure hose and fittings, Push-Lok is the answer to all your instrumentation needs.

The Benefits of Parker Push-Lok

Offering easy assembly and organization

The Push-Lok system is easy to use. No clamps or special tools are required during installation. And with Parker's exclusive colorcode system, you can inventory, maintain and identify your hose needs easily and efficiently.

Providing exceptional value

Parker Push-Lok assemblies can be made in seconds, saving valuable time and money. What's more, Push-Lok fittings are

reusable. Just replace the hose at the job site without any special tools or clamps.

Meeting all your special needs

Helping you maintain a clean environment on the job is another important reason to use Parker's Push-Lok system. Its unique seal ensures reliability and durability for clean-environment use.

Barbed Push-Lok fitting seals tightly, securely.

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Inner liner is an extruded, synthetic rubber, making it resistant to petroleum-base oil, air and water.

High-quality elastomer cover lively feel, excellent flexibility and resistance to abrasion.

Fiber braid reinforcement layer is impregnated with synthetic rubber for added durability.

Advantages of the Push-Lok Color Coding System

Easier, faster line identification

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

More efficient,

preventive maintenance Using color-coded Push-Lok hose is an excellent way to keep track of scheduled replacement of lowpressure hose in your operations. Just assign a different color hose to each replacement period and eliminate the possibility of missing lines scheduled for replacement.

Enhance your products' appearance

For equipment manufacturers and their customers, using Push-Lok color hoses can vastly improve the visual and functional appeal of work equipment, on-line systems and the overall facility.

Create efficient inventory control Assign a Push-Lok

color to each department for its maintenance requirements. The color system helps assure that hoses are routed to their

correct areas. resulting in better control over hose inventories.

Help identify

industrial drop lines Use Push-Lok colors to identify drop line length and diameter for faster and easier replacement. When replacing by color, the right size and length are automatically set.

. Cut hose cleanly

Assembly is easy

and squarely with a sharp knife or a Parker Push-Lok cut-off tool. 2. Lubricate the

Push-Lok fitting and/or hose I.D. with a light oil or soapy water only. Do not use heavy oil or grease.

3. Insert fitting into hose until the barb is in the hose

4. Place end fitting against a flat object (bench or wall). Grip hose approximately one inch from end and push with steady force until the end of the hose bottoms on the fitting and is covered by the yellow plastic cap.

Disassembles fast

. Leave fitting in place and cut hose lengthwise from the yellow cap approximately one inch. IMPORTANT: Be careful not to nick barbs when

cutting hose. 2. Grip hose and give a sharp downward tug to disengage the fitting.

Caution: Push-Lok fittings will properly grip Push-Lok hose only when pushed all the way in with the cut end of the hose completely concealed by the yellow plastic cap.

Sealing integrity may be damaged by using exterior clamps.









Parker Push-Lok Hose



801 Color-Coded Hose

Made of the highest-quality elastomeric compounds for a lively feel, excellent flexibility and long-lasting service on the job.

#	. (\odot \odot		Ø						R		6		UНg		
Part Number	I.D.		O.D.		Working Pressure		Pressure			Minimum Bend Radius		Weight		inches	kPa	
	inch	mm	inch	mm	psi	MPa	Bar	psi	MPa	Bar	inch	mm	lbs/ft	kg/m	of Hg	(abs)
801-4	1/4	6,3	0.50	12,7	250	1,7	17	1000	6,8	68	2-1/2	65	0.09	0,13	28	6
801-6	3/8	10	0.63	15,9	250	1,7	17	1000	6,8	68	3	75	0.11	0,16	28	6
801-8	1/2	12,5	0.78	19,8	250	1,7	17	1000	6,8	68	5	125	0.18	0,27	28	6
801-10	5/8	16	0.91	23	250	1,7	17	1000	6,8	68	6	150	0.19	0,28	15	50
801-12	3/4	19	1.03	26,2	250	1,7	17	1000	6,8	68	7	180	0.24	0,36	15	50
801-16	1	25	1.28	32,6	175	1,2	12	700	4,8	48	10	250	0.37	0,55	15	50

Construction:

Synthetic rubber tube; one textile braid reinforcement; MSHA accepted synthetic rubber cover. Furnished in gray, red, yellow, blue, green or black.

Application and Temperature Range: Widely used for shop air systems and general industrial, maintenance and automotive applications.

Low-pressure service hose for use with: Petroleum-based hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C).

831 Heavy-Duty Hose

Produced to handle higher-pressure jobs with ease and dependability.

# Part	() I.D.				Working			Burst			Minimum		6		Ú	⊣g
Number			O.D.		Pressure			Pressure			Bend Radius		Weight		inches	kPa
	inch	mm	inch	mm	psi	MPa	Bar	psi	MPa	Bar	inch	mm	lbs/ft	kg/m	of Hg	(abs)
831-4	1/4	6,3	0.50	12,7	350	2,4	24	1400	9,7	97	2-1/2	65	0.09	0,13	28	6
831-6	3/8	10	0.63	16	300	2,0	20	1200	8,3	83	3	75	0.11	0,16	28	6
831-8	1/2	12,5	0.78	20	300	2,0	20	1200	8,3	83	5	125	0.18	0,27	28	6
831-10	5/8	16	0.91	23	300	2,0	20	1200	8,3	83	6	150	0.19	0,28	15	50
831-12	3/4	19	1.03	26	300	20	20	1200	83	83	7	180	0.24	0.36	15	50

Construction:

Synthetic rubber tube: one textile braid reinforcement; MSHA accepted synthetic rubber cover. Furnished in red. blue. green, or black.

Application and Temperature Range:

Widely used for shop air systems and general industrial, maintenance and automotive applications.

Low-pressure service hose for use with: Petroleum-based hydraulic fluids and lubricating oils within a temperature range of -40°F to +212°F (-40°C to +100°C).



Example: 801-8-RED is 1/2" 801 Red hose. If no color is specified, 801 Gray will be supplied.

Fittings: Push-Lok 82 Series.

· Water, water/oil emulsion, and water/ glycol hydraulic fluids up to +185°F (+85°C).

 Air within a temperature range of -40°F to 158°F (-40°C to +70°C).

Color Codes: RED BLU GRN BLK

Example: 831-8-BLU is 1/2" 831 Blue hose. If no color is specified, 831 Black will be supplied.

Fittings: Push-Lok 82 Series.

· Water, water/oil emulsion, and water/ glycol hydraulic fluids up to +185°F (+85°C).

 Air within a temperature range of -40°F to 158°F (-40°C to +70°C).

836 Hi-Temp, Heat-Resistant Hose

801 Color-

Coded Hose

Ideal for high-temperature applications.

Construction:

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#	0		00		Ø						R		5 C 160		Ĺнg	
Part Number	I.D.		O.D.		Working Pressure			Burst Pressure			Minimum Bend Radius		Weight		inches	kPa
	inch	mm	inch	mm	psi	MPa	Bar	psi	MPa	Bar	inch	mm	lbs/ft	kg/m	of Hg	(abs)
836-4	1/4	6,3	0.50	12,7	250	1,7	17	1000	6,8	68	2-1/2	65	0.09	0,13	28	6
836-6	3/8	10	0.63	15,9	250	1,7	17	1000	6,8	68	3	75	0.11	0,16	28	6
836-8	1/2	12,5	0.78	19,8	250	1,7	17	1000	6,8	68	5	125	0.18	0,27	28	6
836-10	5/8	16	0.91	23	250	1,7	17	1000	6,8	68	6	150	0.19	0,28	15	50
	Part Number 836-4 836-6 836-8 836-10	# (0) Part Number 1.1 inch 1/4 836-4 1/4 836-6 3/8 836-8 1/2 836-10 5/8	# O Part LD. inch <mm< td=""> m 836-4 1/4 6,3 836-6 3/8 10 836-8 1/2 12.5 836-10 5/8 16</mm<>	# O O inch mm inch 836-4 1/4 6.3 0.50 836-6 3/8 10 0.63 836-8 1/2 12,5 0.78 838-10 5/8 16 0.91	# O O Inch mm inch mm 838-4 1/4 6,3 0.50 12,7 838-6 3/8 10 0.63 15,9 838-8 1/2 12,5 0.78 19,8 838-10 5/8 16 0.91 23	# O O Number ID 0.0. Id inch mm inch mm pic 838-4 1/4 6,3 0.50 12,7 250 838-6 3/8 10 0.63 15,9 250 838-6 1/2 12,5 0.78 19,8 250 838-10 5/8 16 0.61 23 250	# O O O Number I.D. O.D. Working inch mm inch mm ps 836-4 1/4 6,3 0.50 12,7 250 1,7 836-6 38 10 0.63 15.9 250 1,7 836-8 12 12,5 0.78 19,8 250 1,7 836-10 5/8 16 0.91 122 250 1,7	# O O Working Pressure inch mm inch mm pic 838-4 1/4 6,3 0.50 12,7 250 1,7 17 838-6 3/8 10 0.68 15,9 250 1,7 17 838-6 3/8 10 0.63 15,9 250 1,7 17 838-8 1/2 12,5 0.78 19,8 250 1,7 17 838-10 5/8 16 0.91 23 250 1,7 17	# O O Working Pressure rc Number inch mm inch mm pressure p 838-4 1/4 6,3 0.50 12,7 250 1,7 17 1000 838-6 3/8 10 0.63 15,9 250 1,7 17 1000 838-6 1/2 1/2,5 0.78 19,8 250 1,7 17 1000 838-10 5/8 16 0.91 23 250 1,7 17 1000	# O O Working Working Burst Pressure inch mm inch mm pic 1/2 838-4 1/4 6,3 0.50 12/7 250 1.7 17 1000 6,8 838-6 3/8 10 0.63 15.9 250 1.7 17 1000 6,8 838-6 1/2 1/2.7 1/8 1.9 1.7 17 1000 6,8 838-10 51 61 101 2.2 1.7 1.7 17000 6,8	# O O Working Pressure Burst Pressure inch mm inch mm pick Barst pick Barst pick Barst pick pick Barst pick pick Barst pick Barst pick pick Barst pick bick Barst pick bick Barst pick bick <t< th=""><th># O O Pressure Working Burst Pressure Bend Mini Pressure Bend inch mm inch mm pi MP Bar pi Mini Bar pi Mini Bar<</th><th># O O Working Working Burster Burster Minimum Bend Radius inch mm inch mm pic MP Bar pic Me3 Bar pic Minimum Bar pic Minimum Bar pic Me3 Bar pic Minimum Bar pic Mar Bar pic Mar Bar pic Mar Bar Mar Bar pic Minimum Bar Mar Bar Mar</th></t<> <th># O O Monthing Burst Burst Minimum Bernd Radius Weig Number inch mm inch mm pick pick</th> <th># O O Image: Working Number Burst: Pressure Burst: Pressure Minimum Meight inch nm inch mm production production</th> <th># O O Parts Pressure Burst Parts Pressure Minimum Pressure Minimum Pressure Minimum Pressure Pressure Minimum Pressure Pressure Pressure Pressure Part Name Part <</th>	# O O Pressure Working Burst Pressure Bend Mini Pressure Bend inch mm inch mm pi MP Bar pi Mini Bar pi Mini Bar<	# O O Working Working Burster Burster Minimum Bend Radius inch mm inch mm pic MP Bar pic Me3 Bar pic Minimum Bar pic Minimum Bar pic Me3 Bar pic Minimum Bar pic Mar Bar pic Mar Bar pic Mar Bar Mar Bar pic Minimum Bar Mar	# O O Monthing Burst Burst Minimum Bernd Radius Weig Number inch mm inch mm pick	# O O Image: Working Number Burst: Pressure Burst: Pressure Minimum Meight inch nm inch mm production	# O O Parts Pressure Burst Parts Pressure Minimum Pressure Minimum Pressure Minimum Pressure Pressure Minimum Pressure Pressure Pressure Pressure Part Name Part <

Application and Temperature Range:

PKR[®] elastomer tube: one textile braid reinforcement; MSHA accepted blue synthetic rubber cover with embossed layline.

High-temperature service hose for use with:

831 Heavy-

Duty Hose

 Petroleum based hydraulic fluids and lubricating oils within a temperature range of -55°F to +302°F (-48°C to +150°C).

Color Codes: BLU

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Fittings: Push-Lok 82 Series.

836 Hi-Temp,

Heat-

Hose

Resistant

· Water, water/oil emulsion, water/glycol, and hydraulic fluids up to +185°F (+85°C).

· Air within a temperature range of -40°F to +158°F (-40°C to +70°C).

Note: Push-Lok hose is recommended for vacuum applications but not for cooling lines in air conditioners and heat pumps, or for hydraulic applications where extreme pulsations are encountered. Push-Lok is not recommended for any fuel.