Push-Lok Hose Cutters

Use Parker Push-Lok hose cutters to ensure quick and easy cutting. They are designed for use on all Push-Lok hose sizes and non-wire hose up to 1-1/8” O.D.

TH11-1
Hose Cutter
Designed to squarely cut Push-Lok hose 1/4” I.D. through 3/4” I.D.

881540
Hose Cutter with Toggle
This unique tool combines a hose cutter with a toggle action that presses the fitting into the hose, making every job easier, whether you are making one assembly or a hundred. It is designed to handle Push-Lok hose from 1/4” through 3/4”.
Overall length: 16”
Weight: approximately 4 pounds

Parker Instrumentation worldwide locations:

Africa (27) 11 9610700
Argentina (54) 3327 444129
Australia (61) (2) 9634 7777
Azerbaijan (99 412) 983 966
Brazil (55) (12) 354 5304
Canada (905) 945 2274
China (86) (21) 6445 9339
Finland (358) 9 4763200
France (33) 141 115390
Germany (49) 2131 40610
Hong Kong (852) 2260 8289
India (91) 22 5590781
Italy (39) (2) 451921
Japan (81) (3) 6408 3900
Korea (82) 55 3890100
Latin/Caribbean Countries (305) 470 8800
Mexico (52) (722) 272 22 22
Norway (47) (64) 91100
Portugal (351) 22997360
Russia (7) 095 2340054
Singapore (65) 6887 6300
Spain (34) 916757300
Sweden (46) (8) 59795120
Taiwan (886) (2) 2298 8987
Thailand (662) 717 8140
United Arab Emirates (971) (2) 6788887
United Kingdom (44) 1271 313131
Venezuela (58) 212 2385 422

Failure or improper selection or improper use of hose, tubing, fittings, assemblies or related accessories (“Products”) can cause death, personal injury and property damage. Possible consequences of failure or improper selection or improper use of these Products include but are not limited to:

• Fittings thrown off at high speed
• High velocity fluid discharge
• Explosions or burning of the conveyed fluid
• Electrocution from high voltage electric power lines
• Contact with suddenly moving or falling objects that are controlled by the conveyed fluid
• Dangerously whipping hoses
• Contact with conveyed fluid that may be hot, cold, toxic, flammable or otherwise injurious
• Sparking or explosion caused by static electricity build-up or other sources of electricity
• Sparking or explosion while spraying paint or flammable liquids
• Injuries resulting from inhalation, ingestion or exposure to fluids

Before selecting or using any of these Products, it is important that you read and follow Parker Safety Guide for Selecting and Using Hose, Tubing, Fittings and Related Accessories (Parker Publication No. 4400-B.1- Revised May, 2002). Only Hose from Parker’s Stratox-Flight Products Division is approved for in flight aerospace applications, and no other Hose can be used for such in flight applications.
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 low-pressure 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.

Advantages of the Push-Lok Color Coding System

1. Cut hose cleanly 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 barbs are in the hose.

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.

Barbed Push-Lok fitting seals tightly, securely.

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.

Assembly is easy

Disassembles fast

1. 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.
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.

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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 ensure 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.

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-quality, low-pressure hose and fittings, Push-Lok is the answer to all your instrumentation needs.

Assembly is easy

1. 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.

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 color-code system, you can inventory, maintain and identify your hose needs easily and efficiently.

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.

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.

Disassembles fast

1. Cut hose cleanly 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 barbs are 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.

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 low-pressure hose in your operations. Just assign a different color hose to each replacement period and eliminate the possibility of missing lines scheduled for replacement.

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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.
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.

- **Color Codes:**
  - 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.

**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).
  - 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:**
- **GRA**
- **RED**
- **YEL**
- **BLU**
- **GRN**
- **BLK**

**831 Heavy-Duty Hose**
Produced to handle higher-pressure jobs with ease and dependability.

- **Color Codes:**
  - 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.

**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 -55°F to +302°F (-48°C to +150°C).
  - 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).

**Color Codes:**
- **RED**
- **BLU**
- **GRN**
- **BLK**

**836 Hi-Temp, Heat-Resistant Hose**
Ideal for high-temperature applications.

- **Color Codes:**
  - BLU

- **Fittings:** Push-Lok 82 Series.

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

**Application and Temperature Range:**
High-temperature service hose for use with:
- Petroleum-based hydraulic fluids and lubricating oils within a temperature range of -55°F to +302°F (-48°C to +150°C).

- 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.

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**801 Color-Coded Hose**

<table>
<thead>
<tr>
<th>#</th>
<th>ID</th>
<th>O.D.</th>
<th>Length</th>
<th>Working Pressure</th>
<th>Burst Pressure</th>
<th>Minimum Bend Radius</th>
<th>Weight</th>
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**831 Heavy-Duty Hose**

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**836 Hi-Temp, Heat-Resistant Hose**

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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.

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<td>1,7</td>
<td>1000</td>
<td>6.8</td>
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</tbody>
</table>

Color Codes:
- GRA: Gray
- RED: Red
- YEL: Yellow
- BLU: Blue
- GRN: Green
- BLK: Black

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.

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:
- 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).

831 Heavy-Duty Hose
Produced to handle higher-pressure jobs with ease and dependability.

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Color Codes:
- RED: Red
- BLU: Blue
- GRN: Green
- BLK: Black

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.

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

Application and Temperature Range:
- 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
Ideal for high-temperature applications.

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<tr>
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Color Codes:
- BLU: Blue

Example: 836-8-BLU is 1/2” 836 Blue hose. If no color is specified, 836 Black will be supplied.

Fittings: Push-Lok 82 Series.

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

Application and Temperature Range:
- 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.
### Push-Lok Fittings

#### 33482 Parker Tube Adapter
![Diagram of 33482 Parker Tube Adapter](image)

#### 30182 Male NPTF
![Diagram of 30182 Male NPTF](image)

#### 39182 Male BSP Tapered
![Diagram of 39182 Male BSP Tapered](image)

#### 3JC82 Female Seal-Lok® Swivel-Straight-Short
![Diagram of 3JC82 Female Seal-Lok® Swivel-Straight-Short](image)

### 30682 Female J IC 37° Swivel

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*Available in Brass and 316 Stainless Steel. Use "C" suffix for Brass and "HC" suffix for 316 Stainless Steel after part number. Example: 30682-8-8HC.

### 38282 Union

<table>
<thead>
<tr>
<th>Part Number</th>
<th>A</th>
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<th>W</th>
<th>B</th>
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*Consult factory for non-standard material orders.

### Push-Lok to CPI® P2T2

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<th>Hose Size</th>
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<th>W</th>
<th>B</th>
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<td>78</td>
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*No order assembled with nut and ferrule, add Z6 to part number. Example: 4-4 P2T2Z6.

### Push-Lok to A-LOK® P2TU

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<td>3/16</td>
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<td>37JC82-6-6</td>
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<td>1.98</td>
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*No order assembled with nut and ferrule, add Z6 to part number. Example: 4-4 P2TUZ6.
### 33482 Parker Tube Adapter

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<th>Thread</th>
<th>Tube Size</th>
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<th>A</th>
<th>B</th>
<th>K</th>
<th>Cut-Off Allowance</th>
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<td>36</td>
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<td>16</td>
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<td>36</td>
<td>9/16</td>
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<td>0.88</td>
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<td>40</td>
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### 30182 Male NPTF

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<th>H</th>
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<th>B</th>
<th>K</th>
<th>Cut-Off Allowance</th>
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### 39182 Male BSP Tapered

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### 3JC82 Female Seal-Lok® Swivel-Straight-Short

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<th>H</th>
<th>W</th>
<th>B</th>
<th>K</th>
<th>Cut-Off Allowance</th>
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<tbody>
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<td>1.16</td>
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### 30682 Female J IC 37° Swivel

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### 38282 Union

<table>
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<th>Thread</th>
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<th>H</th>
<th>W</th>
<th>B</th>
<th>K</th>
<th>Cut-Off Allowance</th>
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### Push-Lok to CPI™ P2T2

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<th>B</th>
<th>K</th>
<th>Cut-Off Allowance</th>
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### Push-Lok to A-LOK® P2TU

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</tbody>
</table>
Push-Lok Hose Cutters

Use Parker Push-Lok hose cutters to ensure quick and easy cutting. They are designed for use on all Push-Lok hose sizes and non-wire hose up to 1-1/8" O.D.

**TH11-1 Hose Cutter**
Designed to squarely cut Push-Lok hose 1/4" I.D. through 3/4" I.D.

**881540 Hose Cutter with Toggle**
This unique tool combines a hose cutter with a toggle action that presses the fitting into the hose, making every job easier, whether you are making one assembly or a hundred. It is designed to handle Push-Lok hose from 1/4" through 3/4".

Overall length: 16" Weight: approximately 4 pounds

Parker Instrumentation worldwide locations:

Africa (27) 11 9610700  
Argentina (54) 3327 444129  
Australia (61) (2) 9634 7777  
Azerbaijan (99 41) 983 966  
Brazil (55) (12) 354 5304  
Canada (905) 945 2274  
China (86) (21) 6445 9339  
Finland (358) 9 47673200  
France (33) 141 115390  
Germany (49) 2131 40610  
Hong Kong (852) 2260 6289  
India (91) 22 55907081  
Italy (39) (2) 451921  
Japan (81) (3) 6408 3900  
Korea (82) 55 3890100  
Latin/Caribbean Countries (305) 470 8800  
Mexico (52) (722) 272 22 22  
Norway (47) (64) 91100  
Portugal (351) 229997360  
Russia (7) 095 2340054  
Singapore (65) 6887 6300  
Spain (34) 916757300  
Sweden (46) 8 59795120  
Taiwan (886) (2) 2298 8987  
Thailand (662) 717 8140  
United Arab Emirates (971) (2) 6788887  
United Kingdom (44) 1271 313131  
Venezuela (58) 212 2385 422

**WARNING**
Failure or improper selection or improper use of hose, tubing, fittings, assemblies or related accessories (“Products”) can cause death, personal injury and property damage. Possible consequences of failure or improper selection or improper use of these Products include but are not limited to:

- **Fittings thrown off at high speed**  
- **High velocity fluid discharge**
- **Explosion or burning of the conveyed fluid**
- **Electrocution from high voltage electric power lines**
- **Contact with suddenly moving or falling objects that are controlled by the conveyed fluid**
- **Dangerously whipping hoses**
- **Contact with conveyed fluids that may be hot, cold, toxic or otherwise injurious**
- **Sparking or explosion caused by static electricity build-up or other sources of electricity**
- **Spark or explosion while spraying paint or flammable liquids**
- **Injuries resulting from inhalation, ingestion or exposure to fluids**

Before selecting or using any of these Products, it is important that you read and follow Parker Safety Guide for Selecting and Using Hose, Tubing, Fittings and Related Accessories (Parker Publication No. 4400-B.1- Revised May, 2002). Only Hose from Parker's Straflex Products Division is approved for in flight aerospace applications, and no other Hose can be used for such in flight applications.