D6 – Hybrid Hose

Features
- Ideally suited for inventory consolidations to cover all SAE 100R1 pressure and many SAE 100R2 pressure requirements.

Certifications
- Exceeds SAE 100R17
- MSHA Accepted

Applications/Markets
- Medium pressure hydraulic applications
- Agricultural Equipment
- Construction Equipment
- Lubricating Oils
- Transportation

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight lbs./ft.</th>
<th>Permanent Fitting Series</th>
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Construction
Tube: Copolyester
Reinforcement: One or two braids of high tensile steel wire
Cover: Smooth synthetic rubber

Operating Parameters
Temperature Range:
-40°F to +250°F (-40°C to +121°C)
(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Change in length at working pressure is +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
- 58 Series – pg. E-12
- 43 Series – (**43 Fittings available from Parker Hose Products Division)
- HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division)
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

Notes
- Two wire braid
**D6R – Hybrid Hose**

**Features**
- Long continuous package lengths available
- Up to 40% lighter than comparable rubber hoses
- Wide range of fluid compatibility
- Compact hose construction
- Bend radius less than half of conventional SAE 100R1 & 100R2 hoses
- UV resistant cover
- Low force to flex
- 3,000 psi working pressure

**Applications/Markets**
- Medium pressure hydraulic applications
- Agricultural Equipment
- Construction Equipment
- Lubricating Oils
- Transportation

**Certifications**
- ISO 11237 Type R17
- SAE 100R17
- MSHA accepted

**Construction**
- Tube: Copolyester
- Reinforcement: Steel wire
- Cover: Smooth synthetic rubber

**Operating Parameters**

<table>
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<th>Temperature Range:</th>
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<td>Petroleum base hydraulic fluids and lubricating oils within a temperature range of -40°F to +250°F (-40°C to +121°C)</td>
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<tr>
<td>Synthetic, synthetic blend, water, and water/oil emulsion hydraulic fluids up to +185°F (+85°C)</td>
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<tr>
<td>Water/glycol hydraulic fluids up to +135°F (+57°C)</td>
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<tr>
<td>Vacuum Rating: 28 inch Hg</td>
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<tr>
<td>Change in Working Length @ Max. Working Pressure: +2/-4%</td>
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<tr>
<td>Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)</td>
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**Fittings**
- 55 Series – pg. E-12
- 56 Series – pg. E-36
- HY* Series – pg. E-107 (HY Fittings available from Parker Hose Products Division)
  *HY fittings are only approved on an adjustable crimper

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

**Color**
- Black

**Notes**
Reference Parflex Safety Guide in Catalog 4660 for complete guidelines on hose selection and maintenance

---

**Part Number**

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<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
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<td>inch</td>
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HFS – Fire-Screen® Hybrid Hose

Features
- Excellent flexibility
- Consistent long-lengths
- Lightweight
- Compact design

Certifications
- Exceeds SAE 100R1
- Marine Applications (SAE J1942 listed)
- MSHA Accepted

Applications/Markets
- Used in high temperature (to +250° F), medium pressure hydraulic applications
- Mobile Equipment
- Machine Tools
- Agricultural Equipment

Construction
- Tube: Copolyester
- Reinforcement: One braid of high tensile steel wire
- Cover: Smooth synthetic rubber

Operating Parameters
- Temperature Range: -40°F to +250°F (-40°C to +121°C)
  (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
- Change in length at Max. Working Pressure: +2% to -4%
  Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
- 58 Series – pg. E-12
- BA Series – pg. E-99
- 43 Series – (*43 Series Fittings available from Parker Hose Products Division)
- HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division)
  For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
  Access instructions are on pg. G-13

Colors
- Black

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<th>Part Number</th>
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<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating (psi/°F)</th>
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HFSR Hybrid Hose with Rubber Cover

Features
- Long package lengths typical, up to 500 foot
- Increased oil, ozone and impulse resistance
- Up to 40% lighter than comparable rubber hoses
- UV resistant cover
- Low force to flex
- Low length change under pressure
- Patented process that bonds the core to the reinforcement
  - resists kinking
  - resists core wash out

Certifications
- Meets or exceeds SAE J517-100R1
- Meets or exceeds ISO Pressure standards

Construction
Tube: Copolyester
Reinforcement: Steel wire
Cover: Smooth synthetic rubber

Operating Parameters
Temperature Range:
Petroleum base hydraulic fluids and lubricating oils within a temperature range of -40°F to +250°F (-40°C to +121°C)
Synthetic, synthetic blend, water, and water/oil emulsion hydraulic fluids up to +185°F (+85°C)
Water/glycol hydraulic fluids up to +135°F (+57°C)
Vacuum Rating: 28 inch Hg
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
55 Series – pg. E-12
56 Series – pg. E-36
HY* Series – pg. E-107
*HY fittings are only approved on an adjustable crimper
Crimp information can be found online, for most Parker products, at www.parker.com/crimpsource
HY Series – pg. E-107 (HY Fittings available from Parker Hose Products Division)
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Color
● Black

Notes
Reference Parflex Safety Guide in Catalog 4660 for complete guidelines on hose selection and maintenance

Applications/Markets
- Industrial
- Material Handling
- Construction
- Waste & Refuse
- Utility Equipment
- Paving and road maintenance

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Burst Pressure</th>
<th>Minimum Bend Radius</th>
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HFS2 – Fire-Screen II® Hybrid Hose

Features
- Excellent flexibility
- Consistent long-lengths
- Lightweight
- Compact design

Certifications
- Meets/Exceeds SAE 100R2 & 100R16
- Marine Applications (SAE J1942 listed)
- MSHA Accepted

Applications/Markets
- Medium pressure hydraulic applications
- Mobile Equipment
- Machine Tools
- Agricultural Equipment

Construction
Tube: Copolyester
Reinforcement: One or two braids of high tensile steel wire
Cover: Smooth synthetic rubber

Operating Parameters
Temperature Range:
- -40°F to +212°F (-40°C to +100°C)
  (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
43 Series – (**43 Series Fittings available from Parker Hose Products Division)
HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division) *HY fittings are only approved on an adjustable crimper
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

Notes
*Two wire braid

<table>
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<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
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<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
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HFS2R – Fire-Screen II® Hybrid Hose

Features
- Excellent flexibility
- Consistent long-lengths
- Lightweight
- Compact design

Certifications
- Meets/Exceeds SAE 100R16
- MSHA Accepted

Applications/Markets
- Medium pressure hydraulic applications
- Mobile Equipment
- Machine Tools
- Agricultural Equipment

### Construction
Tube: Copolyester
Reinforcement: One or two braids of high tensile steel wire
Cover: Smooth synthetic rubber

### Operating Parameters
Temperature Range:
- -40°F to +212°F (-40°C to +100°C)
  (Limited to +185°F (+85°C) for synthetic hydraulic fluids and water-based fluids)
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

### Fittings
55 Series – pg. E-12  56 Series – pg. E-36
HY* Series – pg. E-107
(HY Fittings available from Parker Hose Products Division)
*HY fittings are only approved on an adjustable crimper
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

### Colors
- Black

### Specifications

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<tr>
<th>Part Number</th>
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<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
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<td>.80</td>
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For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
H6 – High Performance Hydraulic Hose

Features
- Largest temperature range in a medium pressure hydraulic hose
- Low length change capability under pressure
- Ideally suited for inventory consolidations to cover all SAE 100R1 pressure and many SAE 100R2 pressure and abrasion requirements

Certifications
- Exceeds SAE 100R17 Requirements

Applications/Markets
- Medium pressure hydraulic applications
- Over-the-sheave and boom hose applications

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<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
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<td>20.7</td>
<td>.29</td>
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<td>3,000</td>
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<td>.69</td>
<td>1.03</td>
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Construction
Tube: Copolyester
Reinforcement: One or two braids of high tensile steel wire
Cover: Abrasion-resistant copolymer

Operating Parameters
Temperature Range:
(H604 thru H608) -70°F to +250°F (-57°C to +121°C)
(H610 thru H612) -50°F to +250°F (-45°C to +121°C)
(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
- 56 Series – pg. E-36
- 43 Series – (**43 Fittings available from Parker Hose Products Division)
- HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
● Black

Notes
*Two wire braid
Twin line hose available
Preformed assemblies
R6 – Abrasion King® Hose

**Features**
- Excellent abrasion resistance
- Blue plait provides hose identification

**Certifications**
- Exceeds SAE 100R17 Requirements

**Applications/Markets**
- Medium pressure hydraulic applications
- Agricultural Equipment

---

**Construction**
Tube: Copolyester
Reinforcement: One or two braids of high tensile steel wire
Cover: Abrasion-resistant nylon fabric

**Operating Parameters**
Temperature Range:
(R604 thru R610) -50°F to +250°F (-46°C to +121°C)
(R612 thru R616) -50°F to +212°F (-45°C to +100°C)
(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Change in length at Max. Working Pressure: +2% to -4%
Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

**Fittings**
58 Series – pg. E-12
43 Series – (**43 Series Fittings available from Parker Hose Products Division)
HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division)
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

**Colors**
- Black

**Notes**
*Two wire braid

---

<table>
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<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
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For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
HTB – Eliminator® Hybrid Hose

Features
- Four-spiral wire hose performance in a high tensile two-wire braid construction
- Excellent flexibility
- Consistent long-lengths

Certifications
- Marine Applications (SAE J1942 listed)
- MSHA Accepted

Applications/Markets
- High-pressure hydraulic applications typically reserved for spiral wire reinforced hoses

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<th>Part Number</th>
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<th>Maximum Working Pressure</th>
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<th>Vac. Rating Kg./73°F</th>
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Construction
Tube: Copolyester
Reinforcement: Two braids of high tensile steel wire
Cover: Smooth synthetic rubber

Operating Parameters
Temperature Range:
-40°F to +212°F (-40°C to +100°C)
(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Change in working length @ Rated WPSI: +2%/-4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
43 Series – (**43 Series Fittings available from Parker Hose Products Division)
HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division)
Crimp information can be found online, for most Parker products, at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

Notes
HTB04 cover must be skived prior to fitting attachment
HTBR – Eliminator® Hybrid Hose

Features
- 3500 psi to 7000 psi working pressures
- Wide range of fluid compatibility
- Compact O.D.
- Low force to flex
- UV & Ozone resistant cover
- Low length change under pressure

Certifications
- MSHA Accepted

Applications/Markets
- General Hydraulic Applications
- Lubricating Oils
- Construction Equipment
- Agriculture Equipment

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<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
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<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>MPa</td>
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Construction
Tube: Copolyester
Reinforcement: Two braids of high tensile steel wire
Cover: Smooth synthetic rubber

Operating Parameters
Temperature Range:
-40°F to +212°F (-40°C to +100°C)
Petroleum base hydraulic fluids and lubricating oils within a temperature range -40°F to +212°F (-40°C to +100°C)
Synthetic, synthetic blend, water, and water/oil emulsion hydraulic fluids up to +185°F (+85°C)
Water/glycol hydraulic fluids up to +135°F (+57°C)
Vacuum Rating: 28 inch Hg
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
43 Series – (43 Series Fittings available from Parker Hose Products Division)
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

For detailed ordering information, please consult price list or contact Parflex® Division.
Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
M8 – E-Z FLEX™ Hybrid Hose

Features
- Four-spiral wire hose performance in a high tensile two-wire braid construction
- Excellent flexibility
- Consistent long-lengths

Certifications
- Meets/Exceeds SAE 100R12
- MSHA Accepted

Applications/Markets
- Medium pressure hydraulic applications
- Agricultural Equipment
- Construction Equipment
- Lubricating Oils
- Transportation

Construction
Tube: Copolyester
Reinforcement: Two braids of high tensile steel wire
Cover: Smooth synthetic rubber

Operating Parameters
Temperature Range:
- -40°F to +250°F (-40°C to +121°C)
  (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
43 Series – (*43 Series Fittings available from Parker Hose Products Division)
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

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<th>Part Number</th>
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<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
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For detailed ordering information, please consult price list or contact Parflex® Division.
HJK – Highjack® Jackline Hybrid Hose

Features
- 10,000 psi Jack Hose

Certifications
- MSHA Accepted
- Meets J-100 Requirements

Applications/Markets
- Used for high pressure jackline applications
- Not for high impulse applications

Construction
Tube: Copolyester
Reinforcement: Two braids of High Tensile Wire
Cover: Smooth synthetic rubber

Operating Parameters
Temperature Range:
-40°F to +150°F (-40°C to +65°C)
(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 3x Max. Working Pressure at 73°F (23°C)

Fittings
HY Series – pg. E-107 (HY Fittings available from Parker Hose Products Division)
Connection configurations limited to:
-Male Pipe (01)

Colors
- Black

Notes
Factory-made assemblies only
560/560R – General Hydraulic Hose

Features
- Twin or multi-line available. Lighter and smaller than 100R1 with longer lengths
- Fast response hose
- Polyurethane cover for best abrasion resistance

Certifications
- Meets/Exceeds SAE 100R1
- MSHA Accepted

Applications/Markets
- Hydraulic circuits and systems wherever 100R1 hose is specified
- Most synthetic hydraulic fluids, water and wide range of chemicals
- Industrial equipment
- Machine Tools

Construction
Tube: Copolyester
Reinforcement: High tensile steel wire braid
Cover: Polyurethane

Operating Parameters
Temperature Range:
-40°F to +250°F (-40°C to +121°C)
(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

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<tr>
<th>Part Number</th>
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<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
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<td>.41</td>
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Colors
- Black

Notes
- Non-perforated cover

For detailed ordering information, please consult price list or contact Parflex® Division.
563 – General Hydraulic Hose

Features
- Polyurethane cover for best abrasion resistance

Certifications
- Meets/Exceeds SAE 100R17
- MSHA Accepted

Applications/Markets
- Industrial medium pressure hydraulic hose for use with petroleum, water base and synthetic hydraulic fluids, gases and some solvents and chemical solutions

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Construction
- Tube: Copolyester
- Reinforcement: High tensile steel wire braid
- Cover: Polyurethane

Operating Parameters
- Temperature Range: -40°F to +250°F [212°F for size -8] (-40°C to +121°C) [100°C for size -8]
- Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids
- Change in length at Max. Working Pressure: ±2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
- 55 Series – pg. E-12
- HY Series – pg. E-107 (*HY Fittings available from Parker Hose Products Division)
- For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
- Access instructions are on pg. G-13

Colors
- Black

Notes
- Non-perforated cover
590 – General Hydraulic Hose

Features
- Two wire strength, one wire construction, improved bend radius results
- Twin and multi-line available
- Polyurethane cover for best abrasion resistance

Certifications
- Meets/Exceeds SAE 100R2 / 100R16
- MSHA Accepted
- *ABS Approved - 590-4, 590-6, and 590-8

Applications/Markets
- Construction Equipment
- Machine Tools
- Hydrostatic Transmission
- Refuse Vehicles
- Agriculture Equipment

Construction
Tube: Copolyester
Reinforcement: Aramid fiber, high tensile wire braid
Cover: Polyurethane

Operating Parameters
Temperature Range:
- -40°F to +250°F (-40°C to +121°C)
  (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

<table>
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<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
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Fittings
- 55 Series – pg. E-12
- 56 Series – pg. E-36
- 58 Series – pg. E-12
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

Notes
- Non-perforated cover

For detailed ordering information, please consult price list or contact Parflex® Division.
593 – General Hydraulic Hose

Features
- Works with synthetic hydraulic fluids, water and a range of chemicals
- Two wire strength with one braid flexibility
- Polyurethane cover for best abrasion resistance

Certifications
- Meets/Exceeds SAE 100R2 Pressure Requirements
- MSHA Accepted
- ABS Approved

Applications/Markets
- General Hydraulic Service

Construction
Tube: 12 – Copolyester, 16 – Nylon
Reinforcement: Aramid fiber, high tensile steel wire braid
Cover: Polyurethane

Operating Parameters
Temperature Range:
-40°F to +250°F (-40°C to +121°C)
(Size -12 only limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Change in length at Max. Working Pressure: ±2%
Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
LV Series – pg. E-124
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

Notes
Non-perforated cover

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For detailed ordering information, please consult price list or contact Parflex® Division.
Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd

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510A – Refrigerant Hose

Features
- Excellent impulse life
- Compatible with most common hydraulic and refrigeration fluids

Certifications
- Meets/Exceeds SAE 100R7 except -2
- MSHA Accepted except -4, -5, -6

Applications/Markets
- Medium pressure service for both field attachable and permanent fittings
- Used with most common refrigerants

### Construction
Tube: Proprietary nylon blend  
Reinforcement: Fiber  
Cover: Polyurethane

### Operating Parameters
Temperature Range:  
-40°F to +212°F (-40°C to +100°C)  
Change in length at Max. Working Pressure: ±3%  
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

### Fittings
51 Series – pg. E-5  
55 Series – pg. E-12  
56 Series – pg. E-36  
57 Series – pg. E-58

For most Parker products, Crimp Die Selection charts can be found online at [www.parker.com/crimpsource](http://www.parker.com/crimpsource)

Access instructions are on pg. G-13

### Colors
- Black

### Notes
- Perforated cover
- 51 Series field attachable couplings are not intended for use on hose that has previously been in service

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight lbs./ft.</th>
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<th>Field Attachable Series</th>
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510C – General Hydraulic Hose

Features
- Superior abrasion resistance
- Extreme flexibility
- Medium pressure service for permanent and field attachable fittings

Certifications
- Meets/Exceeds SAE 100R7 except -2
- MSHA Accepted except -4

Applications/Markets
- Medium pressure service for both field attachable and permanent fittings
- Used with most common refrigerants

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
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<td>13</td>
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<td>.22</td>
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<td>34</td>
<td>1,000</td>
<td>203</td>
<td>.27</td>
<td>.40</td>
<td>55/56 51</td>
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</tbody>
</table>

Construction
Tube: Copolyester
Reinforcement: Fiber
Cover: Proprietary Blend (PFX)

Operating Parameters
Temperature Range:
-40°F to +212°F (-40°C to +100°C)
(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
51 Series – pg. E-5
56 Series – pg. E-36
55 Series – pg. E-12
57 Series – pg. E-58

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

Notes
Perforated cover
*3/16” and 1/4” working pressure reduced to 3,000 and 2,750 psi respectively when using field attachable couplings
51 Series field attachable couplings are not intended for use on hose that has previously been in service
518C – Non-Conductive Hose

**Features**
- Twin or multi-line constructions available
- High density braid for maximum impulse life without loss of flexibility

**Certifications**
- Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per ft.
- Meets/Exceeds SAE 100R7 specifications and Electrical Standards except 518C-2 with respect to maximum working pressure
- ANSI A92.2

**Applications/Markets**
- Medium pressure hydraulic service where both field attachable and permanent hydraulic circuit exposure and contact with high voltage may be encountered

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>ANSI A92.2 Max. Working Pressure</th>
<th>SAE 100R7 Max. Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
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</thead>
<tbody>
<tr>
<td>518C-2</td>
<td>1/8 inch</td>
<td>.34 inch</td>
<td>3,150 psi/21.7 MPa</td>
<td>2,500 psi/17.2 MPa</td>
<td>0.50 inch/mm</td>
<td>13</td>
<td>28 lbs/ft.</td>
<td>.05 kg/mtr.</td>
<td>57</td>
</tr>
<tr>
<td>518C-3*</td>
<td>3/16 inch</td>
<td>.43 inch</td>
<td>3,250 psi/22.4 MPa</td>
<td>3,250 psi/20.7 MPa</td>
<td>0.75 inch/mm</td>
<td>19</td>
<td>28 lbs/ft.</td>
<td>.07 kg/mtr.</td>
<td>55/56</td>
</tr>
<tr>
<td>518C-4*</td>
<td>1/4 inch</td>
<td>.47 inch</td>
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<td>3,000 psi/19.0 MPa</td>
<td>1.50 inch/mm</td>
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<td>28 lbs/ft.</td>
<td>.08 kg/mtr.</td>
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<tr>
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<td>2,500 psi/17.2 MPa</td>
<td>1.75 inch/mm</td>
<td>44</td>
<td>28 lbs/ft.</td>
<td>.09 kg/mtr.</td>
<td>55/56</td>
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<td>518C-6</td>
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<td>.64 inch</td>
<td>3,000 psi/20.7 MPa</td>
<td>2,250 psi/15.5 MPa</td>
<td>2.00 inch/mm</td>
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<td>28 lbs/ft.</td>
<td>.10 kg/mtr.</td>
<td>55/56</td>
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<tr>
<td>518C-8</td>
<td>1/2 inch</td>
<td>.81 inch</td>
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<td>2,250 psi/15.5 MPa</td>
<td>3.00 inch/mm</td>
<td>76</td>
<td>28 lbs/ft.</td>
<td>.15 kg/mtr.</td>
<td>55/56</td>
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<tr>
<td>518C-12</td>
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<td>1.09 inch</td>
<td>1,660 psi/11.5 MPa</td>
<td>1,250 psi/8.6 MPa</td>
<td>5.00 inch/mm</td>
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<td>.21 kg/mtr.</td>
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<td>28 lbs/ft.</td>
<td>.27 kg/mtr.</td>
<td>55/56</td>
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</tbody>
</table>

**Construction**
- Tube: Copolyester
- Reinforcement: Fiber
- Cover: Proprietary Blend (PFX)

**Operating Parameters**
- Temperature Range: -40°F to +212°F (-40°C to +100°C)
- Change in length at Max. Working Pressure: ±2%

**Colors**
- Orange

**Fittings**
- 51 Series – pg. E-5
- 55 Series – pg. E-12
- 56 Series – pg. E-36
- 57 Series – pg. E-58

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

**Notes**
- Non-perforated cover
- Lay lines on this hose will have both ANSI and SAE maximum working pressure listed. ANSI A92.2
- “Vehicle Mounted Elevating and Rotating Aerial Devices”

*3/16” and 1/4” working pressure reduced to 3,000 and 2,750 psi respectively when using field attachable couplings

51 Series field attachable couplings are not intended for use on hose that has previously been in service
518D – Non-Conductive Hose

Features
- Nylon core for maximum resistance to permeable fluids.
- Heavier cover for super high abrasion resistance. (518D-4)
- Heavier cover makes splitting bonded hose easier. (518D-4)
- Super high density braid allows smaller braid O.D. (518D-4)
- Twin or multi-line constructions available.

Applications/Markets
- Medium pressure hydraulic service
- Aerial Lift

Certifications
- Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per ft.
- Meets/Exceeds SAE 100R7 specifications
- ANSI A92.2

Construction
Tube: Nylon
Reinforcement: High Strength Synthetic Fiber
Cover: Proprietary Blend (PFX)

Operating Parameters
Temperature Range: 
-40°F to +212°F (-40°C to +100°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure:
4:1 Design Factor is required if hose failure will result in movement of aerial device
3:1 Design Factor is acceptable if hose failure will not result in movement of aerial device
SAE requires 4:1 Design Factor

Colors
Orange

Fittings
55 Series – pg. E-12  56 Series – pg. E-36
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Notes
Non-perforated cover
Lay lines on this hose will have both ANSI and SAE maximum working pressure listed. ANSI A92.2 “Vehicle Mounted Elevating and Rotating Aerial Devices”

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>ANSI A92.2 Max. Working Pressure 73°F/23°C</th>
<th>SAE 100R7 Max. Working Pressure 73°F/23°C</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
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<td>3,000 20.7</td>
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<td>28</td>
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<td>3,250 22.4</td>
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<td>0.08 0.11</td>
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<td>1,250 8.6</td>
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<td>28</td>
<td>0.21 0.31</td>
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</table>

For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
515H – Compact/Light Weight Hose

**Features**
- Twin or multi-line available
- Compact OD, light weight, flexible
- Special order colors for system color coding

**Certifications**
- MSHA Accepted

**Applications/Markets**
- Hydraulic and pneumatic systems where a small O.D. hose is necessary
- Pilot Lines
- Joystick Controls

**Construction**
- Tube: Copolyester
- Reinforcement: Fiber
- Cover: Polyurethane

**Operating Parameters**
- Temperature Range: -40°F to +212°F (-40°C to +100°C)
  (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
- Change in length at Max. Working Pressure: ±2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

**Fittings**
- 54 Series – pg. E-8
  For most Parker products, Crimp Die Selection charts can be found online at [www.parker.com/crimpsource](http://www.parker.com/crimpsource)
  Access instructions are on pg. G-13

**Colors**
- Black

**Notes**
- Factory-made assemblies only -3, -5 and -8
- Approved with rapid assembly fitting system
- Perforated cover

---

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
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<td>inch mm</td>
<td>psi MPa</td>
<td>inch mm</td>
<td>lbs./ft. kg./mtr.</td>
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</table>
520N/528N – General Hydraulic Hose

Features
- Twin and multi-line available
- Fast response, lighter and smaller O.D. than 100R2 hose

Certifications
- Meets/Exceeds SAE 100R8
- 520N MSHA Accepted
- 528N Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per foot

Applications/Markets
- Hydraulic and pneumatic circuits and systems
- Ideal in hot water applications

### General Technical

#### Construction
Tube: Nylon
Reinforcement: Aramid fiber
Cover: Polyurethane

#### Operating Parameters
Temperature Range:
-40°F to +212°F (-40°C to +100°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
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<td>inch</td>
<td>psi</td>
<td>MPa</td>
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#### Fittings
55 Series – pg. E-12
56 Series – pg. E-36

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

#### Colors
- Black
- Orange (Non-Conductive)

#### Notes
Perforated cover - 520N
Non-perforated cover - 528N
# 526BA – Breathing Air Refill Hose

## Features
- 6000 psi Constant Pressure

## Certifications (Complies with:)
- CGA G7.1-1 Grade E Breathing Air Standards
- NFPA 1901

## Applications/Markets
- Integrated containment fill stations
- Mobile and stationary systems with or without cascade controls
- Mobile Trailer/Truck Systems
- Portable SCBA Fill

## Construction
- Tube: Nylon
- Reinforcement: Aramid fiber
- Cover: Polyurethane

## Operating Parameters
- Temperature Range: -40°F to +180°F (-40°C to +82°C)
- Change in length at Max. Working Pressure: ±2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

## Fittings
- 55 Series – pg. E-12
- For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
- Access instructions are on pg. G-13

## Colors
- Gray

## Notes
- Perforated cover
- Not for use as part of a SCBA systems
- This hose is not for use between a pressure reducing regulator and breathing mask
- For fitting attachment lubricate only with water or non-toxic lubricant. Do not assemble with petroleum or hydrocarbon based lubricants. Do not flush with solvents of any kind
- This hose does not contain a conductive element; therefore, it should not be used with explosive gases such as pure oxygen and hydrogen
- Hose is compliant with CGA Grade E Breathing Air Standards, however air quality is dependent upon all system components

## Specifications Table

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight lbs./ft.</th>
<th>Permanent Fitting Series</th>
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<td>.09</td>
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527BA – Breathing Air Refill Hose

Features
- 7000 psi constant pressure

Certifications (Complies with:)
- CGA G7.1-1 Grade E Breathing Air Standards
- NFPA 1901

Applications/Markets
- Integrated containment fill stations
- Mobile and stationary systems with or without cascade controls
- Mobile Trailer/Truck Systems
- Portable SCBA Fill

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
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<td>inch mm</td>
<td>psi MPa</td>
<td>inch mm</td>
<td>lbs./ft. kg./mtr.</td>
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Construction
Tube: Nylon
Reinforcement: Aramid fiber
Cover: Polyurethane

Operating Parameters
Temperature Range:
-40°F to +180°F (-40°C to +82°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
55 Series – pg. E-12
Connection configurations limited to:
- Male Pipe (01)
- Female Pipe (02)
- Male JIC (03, 3E)
- Female JIC Swivel (06, 37, 39, 41, L9)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimsouce
Access instructions are on pg. G-13

Colors
- Blue

Notes
Perforated cover
Not for use as part of a SCBA system
This hose is not for use between a pressure reducing regulator and breathing mask
For fitting attachment lubricate only with water or non-toxic lubricant. Do not assemble with petroleum or hydrocarbon based lubricants. Do not flush with solvents of any kind
This hose does not contain a conductive element; therefore, it should not be used with explosive gases such as pure oxygen and hydrogen
Hose is compliant with CGA Grade E Breathing Air Standards, however air quality is dependent upon all system components
53DM/538DM – DuraMax™ Low Temperature

Features
- Matte cover for low coefficient of friction
- Superior flexibility in cold temperature applications
- Better bend radius than SAE J517 and 100R7
- Smaller O.D.s than 100R7 and 100R18
- 3000 psi constant pressure

Certifications
- Meets/Exceeds SAE 100R7
- 538DM Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per foot

Applications/Markets
- Excellent over-the-sheave in lift truck applications
- Cold storage or refrigerated areas
- Construction and agriculture equipment in cold climates

Table:

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73˚F</th>
<th>Weight lbs./ft. kg./mtr.</th>
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Construction
Tube: Copolyester
Reinforcement: Fiber
Cover: Copolyester

Operating Parameters
Temperature Range: -70°F to +212°F (-57°C to +100°C)
For use with water and water-based hydraulic fluids to +135°F (+57°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
- 55 Series – pg. E-12
- 56 Series – pg. E-36
- 58 Series – pg. E-12
- 58H Series – pg. E-61

For detailed ordering information, please consult price list or contact Parflex® Division.
540N – General Hydraulic Hose

**Features**
- Matte cover for low coefficient of friction
- Special order colors
- Twin or multi-line available
- Excellent chemical compatibility
- Greater range of fluid compatibility than SAE 100R1 hose

**Certifications**
- Meets/Exceeds SAE 100R7
- MSHA Accepted

**Applications/Markets**
- Hydraulic and pneumatic systems
- Agricultural Spraying
- Polyurethane Foam Mixers
- Fire-resistant Fluid
- Hot Water

**Construction**
- Tube: Nylon
- Reinforcement: Fiber
- Cover: Polyurethane

**Operating Parameters**
- Temperature Range: -40°F to +212°F (-40°C to +100°C)
- Change in length at Max. Working Pressure: ±2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

**Part Number**

<table>
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<tr>
<th>#</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight lbs./ft.</th>
<th>Permanent Fitting Series</th>
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<td>inch mm</td>
<td>psi MPa</td>
<td>inch mm</td>
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<td>6.00 152 28</td>
<td>.17 .25 55/56</td>
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**Colors**
- Black

**Notes**
- Perforated cover
540P – Specialty Water Hose

Features
- Plasticizer free non-leaching core tube
- Low-moisture permeability

Certifications
- Meets/Exceeds SAE 100R7
- Core tube compliant with FDA Title 21

Applications/Markets
- Potable water delivery to remote sites
- Distilled and de-ionized water

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<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
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<th>Permanent Fitting Series</th>
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<td>inch</td>
<td>mm</td>
<td>psi</td>
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<td>inch</td>
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<td>1.05</td>
<td>1,250</td>
<td>8.6</td>
<td>5.00</td>
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Construction
Tube: Polyethylene
Reinforcement: Fiber
Cover: Polyurethane

Operating Parameters
Temperature Range:
-40°F to +150°F (-40°C to +66°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
55 Series – pg. E-12
56 Series – pg. E-36
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
• Aqua

Notes
Perforated cover
55LT – Low Temperature Hose

Features
- Twin and multi-line available
- Superior flexibility in cold temperature applications

Certifications
- Meets/Exceeds SAE 100R7

Applications/Markets
- Hydraulic systems exposed to very low temperatures
- Excellent over-the-sheave in lift truck applications
- Cold storage or refrigerated areas
- Construction and agriculture equipment in cold climates

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<thead>
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<th>Part Number</th>
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<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
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Construction
Tube: Copolyester
Reinforcement: Fiber
Cover: Copolyester

Operating Parameters
Temperature Range:
-70°F to +212°F (-57°C to +100°C)
For use with water and water-based hydraulic fluids to +135°F (+57°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
55 Series – pg. E-12  56 Series – pg. E-36
57 Series – pg. E-58
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

Notes
Perforated cover

For detailed ordering information, please consult price list or contact Parflex® Division.
Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
56DH/568DH – Diagnostic Hose

Features
- Twin or multi-line available
- Compact O.D.
- Light weight
- Flexible

Certifications
- MSHA Accepted for -2 only

Applications/Markets
- Hydraulic and pneumatic systems where a small O.D. hose is necessary
- Diagnostic hydraulic lines

Construction
- Tube: Nylon
- Reinforcement: Aramid fiber
- Cover: Polyurethane

Operating Parameters
- Temperature Range: -40°F to +200°F (-40°C to +93°C)
- Change in length at Max. Working Pressure: ±2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
- CY Series - pg. E-101
- SF Series - pg. E-105

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black
- Orange (Non-Conductive)

Notes
- Perforated cover - 56DH
- Non-perforated cover - 568DH

Part Number | Nominal I.D. | Maximum O.D. | Maximum Working Pressure | Minimum Bend Radius | Weight | Permanent Fitting Series
--- | --- | --- | --- | --- | --- | ---
56DH-1.5 | 2 | .09 | 6,000 psi | 541.4 MPa | .02 lbs./ft. | 56DH-1.5 | SF
568DH-1.5 | 20 | .20 | 6,000 psi | 541.4 MPa | .01 lbs./ft. | 568DH-1.5 | SF
56DH-2 | 4 | .14 | 6,000 psi | 541.4 MPa | .03 lbs./ft. | 56DH-2 | CY
568DH-2 | 32 | .14 | 6,000 psi | 541.4 MPa | .05 lbs./ft. | 568DH-2 | CY
569 High Pressure Hydraulic Hose

Features
- 10,000 psi working pressure
- Lightweight aramid fiber construction
- (20-45% lighter than comparable hoses)
- Bonded construction available
- Compact O.D. for improved routing and handling
- Excellent kink resistance

Certifications
- IJ-100 Requirements

Applications/Markets
- Hydraulic tools
- High pressure hydraulics
- High pressure pumps
- Jacking systems
- Emerging markets (Oil & Gas)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
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<td>.08 lbs./ft.</td>
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Construction
Tube: Nylon
Reinforcement: Aramid fiber
Cover: Polyurethane

Operating Parameters
Temperature Range:
-40°F to +176°F (-40°C to +80°C)
Vacuum Rating: 28 inch Hg
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings (cont.)
- Seal-Lok (O-ring Face Seal) Female Swivel Straight (1JS58-4-4)
- Seal-Lok (O-ring Face Seal) Female Swivel Short Straight (1JC58-4-4)
- Male Straight Thread with O-ring (O-ring Boss) Straight (10558-4-4)

Colors
- Blue

Notes
Not to be used for pneumatic or gaseous service
Not to be used with chlorinated solvents
Factory built assembly only or assembled by Parker certified assembler
Assemblies require bend restrictors (HG569-4) to reduce the risk of exceeding the minimum hose bending radius at the fitting
Warning tag (569-4-TAG) required for all assemblies
Non-perforated cover
573X – Fast Response Hose

Features
- Fast response even over longer lengths
- 3000 psi constant pressure

Certifications
- MSHA Accepted -3 only

Applications/Markets
- Marine, offshore drilling
- Applications requiring fast and accurate response time

Construction
Tube: Nylon
Reinforcement: Aramid fiber
Cover: Polyurethane

Operating Parameters
Temperature Range: -40°F to +200°F (-40°C to +93°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

<table>
<thead>
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<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
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Fittings
LV Series – pg. E-124
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource.
Access instructions are on pg. G-13

Colors
- Black

Notes
Non-perforated cover
Factory-made assemblies only

For detailed ordering information, please consult price list or contact Parflex® Division.
575X – Fast Response Hose

Features
- Fast response even over longer lengths
- 5000 psi constant pressure

Certifications
- MSHA Accepted

Applications/Markets
- Marine, offshore drilling
- Applications requiring fast and accurate response time

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
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Construction
Tube: Nylon
Reinforcement: Fiber
Cover: Polyurethane

Operating Parameters
Temperature Range:
-40°F to +212°F (-40°C to +100°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
55 Series – pg. E-12
58H Series – pg. E-61
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

Notes
Non-perforated cover
580N/H580N/588N – High Pressure Hose

**Features**
- Twin and multi-line available
- Lighter weight and smaller O.D. than 100R2

**Certifications**
- Meets/Exceeds SAE 100R8 specifications
- 580N MSHA Approved
- 588N Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per foot

**Applications/Markets**
- Hydraulic and pneumatic circuits and systems
- Replaces 100R2 rubber hose wherever greater flexibility, fluid compatibility, and cover durability are required

<table>
<thead>
<tr>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Operating Parameters</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Temperature Range:</strong></td>
<td>-40°F to +212°F (-40°C to +100°C)</td>
<td></td>
</tr>
<tr>
<td>Change in length at Max. Working Pressure:</td>
<td>±2%</td>
<td></td>
</tr>
<tr>
<td>Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Construction**
- Tube: Nylon
- Reinforcement: Fiber
- Cover: Polyurethane

**Fittings**
- 58 Series – pg. E-12
- 56 Series – pg. E-36
- 58H Series – pg. E-61

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-13

<table>
<thead>
<tr>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>● Black</td>
</tr>
<tr>
<td>● Orange (Non-Conductive)</td>
</tr>
</tbody>
</table>

**Notes**
- Perforated cover - 580N
- *Non-perforated cover -588N, H580N-16

---

For detailed ordering information, please consult price list or contact Parflex® Division.
83FR – DuraGard™ General Purpose Polyurethane

Features
- Weld spatter resistant
- Excellent abrasion resistance
- Extreme flexibility
- Compact bend radius
- Specially formulated polyurethane tube
- Twin-line or multi-line constructions available

Certifications
- MSHA Accepted
- Non-conductive per SAEJ343 test procedures for thermoplastic hose
- UL94HB compliant

Applications/Markets
- General purpose air and water hose often used in robotic welding applications

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>PushLok Fitting*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>MPa</td>
<td>inch</td>
<td>mm</td>
</tr>
<tr>
<td>83FR-4*</td>
<td>1/4</td>
<td>.48</td>
<td>12</td>
<td>300</td>
<td>2.1</td>
<td>1.00</td>
<td>25</td>
<td>28</td>
</tr>
<tr>
<td>83FR-6</td>
<td>3/8</td>
<td>.60</td>
<td>15</td>
<td>300</td>
<td>2.1</td>
<td>2.00</td>
<td>51</td>
<td>28</td>
</tr>
<tr>
<td>83FR-8</td>
<td>1/2</td>
<td>.76</td>
<td>19</td>
<td>300</td>
<td>2.1</td>
<td>2.50</td>
<td>64</td>
<td>28</td>
</tr>
<tr>
<td>83FR-12</td>
<td>3/4</td>
<td>1.04</td>
<td>26</td>
<td>300</td>
<td>2.1</td>
<td>3.50</td>
<td>89</td>
<td>28</td>
</tr>
</tbody>
</table>

Construction
- Tube: Specially formulated polyurethane
- Reinforcement: Fiber
- Cover: Polyurethane

Operating Parameters
- Temperature Range: -20°F to +200°F (-29°C to +93°C)
- Change in length at Max. Working Pressure: ±2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
- 55 Series – pg. E-12
- 56 Series – pg. E-36
- 82 Series – (**82 Series Fittings available from Parker Hose Products Division)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black (BLK)
- Blue (BLU)
- Brown (BRN)
- Green (GRN)
- Gray (GRA)
- Red (RED)

Notes
- *Temperature and pressure reduced with 82 series Push-Lok Fitting:
  - -20°F to +145°F (-29°C to +63°C)
  - 175 psi maximum working pressure
- For -4 hose with 56 series fitting, use die P04J
- Non-perforated cover
# 1035A – Power Cleaning

## Features
- Non-marring
- Extremely flexible

## Applications/Markets
- Pressure Washers (low pressure)
- Carpet Cleaning

## Construction
- Tube: Special PFX compound
- Reinforcement: Fiber
- Cover: Polyurethane

## Operating Parameters
- Temperature Range: -25°F to +212°F (-32°C to +100°C)
- Change in length at Max. Working Pressure: ±2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

## Fittings
- 55 Series – pg. E-12
- For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
- Access instructions are on pg. G-13

## Colors
- Blue

## Notes
- Perforated cover
- No chlorinated solvents should be used
- HBR (Hose Bend Restrictor) suggested for carpet cleaning applications - See Hose Guard in Tooling Equipment and Accessories Section pg. F-18

## Specifications

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>1035A-4</td>
<td>1/4 inch</td>
<td>.51 inch</td>
<td>1,500 psi</td>
<td>.63 inch</td>
<td>28 lbs.</td>
<td>.08 lb.</td>
<td>10.3 kg/mtr.</td>
</tr>
<tr>
<td>1035A-6</td>
<td>3/8 inch</td>
<td>.62 inch</td>
<td>1,200 psi</td>
<td>.88 inch</td>
<td>28 lbs.</td>
<td>.10 lb.</td>
<td>11.5 kg/mtr.</td>
</tr>
</tbody>
</table>
1035HT – High Temperature Power Cleaning

**Features**
- Non-marring
- Broad temperature range

**Applications/Markets**
- Pressure Washers (low pressure)
- Carpet Cleaning

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>#</td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi MPa</td>
<td>inch mm</td>
<td>lbs./ft. kg./mtr.</td>
<td></td>
<td></td>
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<tr>
<td>1035HT-3</td>
<td>3/16 .43</td>
<td>11 2,000</td>
<td>13.8 0.75 19 28</td>
<td>.04 .06</td>
<td>55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1035HT-4</td>
<td>1/4 .50</td>
<td>13 1,750</td>
<td>12.1 1.50 38 28</td>
<td>.06 .08</td>
<td>55/56</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1035HT-6</td>
<td>3/8 .65</td>
<td>17 1,500</td>
<td>10.3 2.00 51 28</td>
<td>.09 .13</td>
<td>55/56</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Construction**
- Tube: Nylon
- Reinforcement: Fiber
- Cover: Polyurethane

**Operating Parameters**
- Temperature Range: -40°F to +230°F (-40°C to +110°C)
- Change in length at Max. Working Pressure: ±2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

**Fittings**
- For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
- Access instructions are on pg. G-13

**Colors**
- Yellow

**Notes**
- Perforated cover
- No chlorinated solvents should be used
- HBR (Hose Bend Restrictor) suggested for carpet cleaning applications - See Hose Guard in Tooling Equipment and Accessories Section pg. F-18

For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd

A-57
B9 - General Purpose Transfer Hose

Features
- Excellent flexibility

Applications/Markets
- Low pressure transmission of air, oil, water, and coolants

Construction
Tube: Specially formulated polyurethane
Reinforcement: Fiber
Cover: Specially formulated polyurethane

Operating Parameters
Temperature Range:
-40°F to +200°F (-40°C to +93°C)
(Limited to +130°F (+54°C) for water and water-based fluids)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
55 Series – pg. E-12  56 Series – pg. E-36
82 Series - (*82 Series Fittings available from Parker Hose Products Division)
HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division)

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Red
- Black (BK)

Notes
*Temperature and pressure reduced with 82 series
Push-Lok Fitting:
-20°F to +100°F (-29°C to +38°C)
100 psi maximum working pressure
Non-perforated cover

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Weight</th>
<th>Vac. Rating Hg./73°F</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>MPa</td>
<td>inch</td>
<td>mm</td>
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<td>3/16</td>
<td>.39</td>
<td>5</td>
<td></td>
<td>10</td>
<td>250</td>
<td>25</td>
<td>.04</td>
</tr>
<tr>
<td>B904</td>
<td>1/4</td>
<td>.46</td>
<td>6</td>
<td></td>
<td>12</td>
<td>250</td>
<td>38</td>
<td>.05</td>
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<td>8</td>
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<td>250</td>
<td>51</td>
<td>.08</td>
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<td>.64</td>
<td>10</td>
<td></td>
<td>16</td>
<td>250</td>
<td>76</td>
<td>.09</td>
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<tr>
<td>B908</td>
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<td>.78</td>
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<td></td>
<td>20</td>
<td>250</td>
<td>76</td>
<td>.13</td>
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<tr>
<td>B910</td>
<td>5/8</td>
<td>.93</td>
<td>16</td>
<td></td>
<td>24</td>
<td>250</td>
<td>76</td>
<td>.13</td>
</tr>
</tbody>
</table>

For detailed ordering information, please consult price list or contact Parflex® Division.
CNG – Electrically Conductive Compressed Natural Gas Hose

Features
- Twin constructions available

Certifications
Conforms to:
- NFPA 52
- ANSI/IAS NGV 4.2
- ECE R110 - Sizes -3 and -8 only for assemblies purchased through Parker Polyflex (Europe)
- CSA12.52

Applications/Markets
- CNG Dispenser/Refueling
- Fleet Transit/On-Vehicle
- CNG Fuel Transfer
- At-Home CNG Refueling

Part Number | Nominal I.D. | Maximum O.D. | Maximum Working Pressure | Minimum Bend Radius | Weight
--- | --- | --- | --- | --- | ---
5CNG-3 | 3/16 | .43 | 5,000 | 1.50 | .05
5CNG-4 | 1/4 | .55 | 5,000 | 2.00 | .08
5CNG-6 | 3/8 | .65 | 5,000 | 3.00 | .09
5CNG-8 | 1/2 | .90 | 5,000 | 4.00 | .21
5CNG-12 | 3/4 | 1.15 | 5,000 | 7.50 | .24
5CNG-16 | 1 | 1.59 | 5,000 | 10.00 | .36

Construction
Tube: Electrically conductive nylon
Reinforcement: Fiber
Cover: Polyurethane

Operating Parameters
Temperature Range:
-40°F to +180°F (-40°C to +82°C)
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
Factory-made assemblies only
- 55 Series – pg. E-12
- 58 Series – pg. E-12
- 58H Series – pg. E-61
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Red

Notes
Perforated cover
CNG hose must be assembled at the factory or by a Parflex approved facility
Wire spring guards must be used on ANSI/CSA design certified CNG dispenser hose assembly sizes -3 through -8: single and multi-line bonded assemblies - pg. F-21

Accessories
- PSG - Wire spring guard
- CNGG - Vinyl hose guard
Consult Parflex CAT 4660 for CNG guard selection
HLB – Lubrication Line Hose

Features
- HLB remote lubrication system versus 1/4” rubber hoses can save money per line in reduced component and installation labor costs
- Unique GK bulkhead hose fittings with integrated nipple can save money per zerk connection in unnecessary adapter costs
- Compact 1/8” hoses save hundreds of dollars of waste in your operation by eliminating gallons of unnecessary “in-line” grease versus larger bore rubber hoses

Applications/Markets
- Grease and lubrication lines
- Agriculture
- Construction
- Industrial
- Material Handling
- Mobile Equipment
- Transportation

Construction
Tube: Copolyester
Reinforcement: Fiber
Cover: Polyurethane

Operating Parameters
Temperature Range:
-40°F to +212°F (-40°C to +100°C) with CY fittings
(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
BU Series Field Attachable Fitting limited to 120°F
Change in length at Max. Working Pressure: ±3%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Certifications
- MSHA Accepted

Fittings
BU Series - pg. E-100
CY Series - pg. E-101
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

Notes
Not for use as a whip hose on hand-operated grease guns
Bend restrictions are available only for permanent fittings.
HBR (Hose Bend Restrictor) available for Marine Steering Hose Assemblies. See Hose Guard in Tooling Equipment and Accessories Section pg. F-18
*HLB-2 - Guard P.N. CY02-652317
**HLB-3 - Guard P.N. 3PSG-4

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight lbs./ft.</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLB02*</td>
<td>1/8</td>
<td>3.2</td>
<td>.32</td>
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<td>3,000</td>
<td>20.7</td>
<td>.50</td>
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<tr>
<td>HLB03**</td>
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<td>4.8</td>
<td>.41</td>
<td>10</td>
<td>3,000</td>
<td>20.7</td>
<td>.75</td>
<td>19</td>
</tr>
</tbody>
</table>
MSH – Marine Steering Fast Response Hose

Features
- Fast, accurate response
- Permanent or field attachable
- Salt water, corrosion resistant

Applications/Markets
- Wide range of marine applications
- Marine hydraulic steering systems

Construction
Tube: Nylon
Reinforcement: Fiber
Cover: Polyurethane

Operating Parameters
Temperature Range:
- -40°F to +200°F (-40°C to +93°C)
  (Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
MS Series - pg. E-125
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

Notes
Non-perforated cover
Bend restrictions are available only for permanent fittings.
HBR (Hose Bend Restrictor) available for Marine Steering Hose Assemblies. See Hose Guard in Tooling Equipment and Accessories Section pg. F-18

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSH-5</td>
<td>5/16</td>
<td>.48</td>
<td>12</td>
<td>1,000</td>
<td>6.9</td>
<td>.05</td>
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<td>MS</td>
</tr>
<tr>
<td>MSH-6</td>
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<td>.59</td>
<td>15</td>
<td>1,000</td>
<td>6.9</td>
<td>.07</td>
<td>MS</td>
<td>MS</td>
</tr>
</tbody>
</table>
PTH – Marine Power Tilt Hose

Features
- Compact design
- Abrasion resistant polyurethane cover
- Excellent flexibility
- Corrosion resistant

Applications/Markets
- Power tilt mechanisms for outboard and stern drive engines
- Trim Tab assemblies
- Jack Plate assemblies

Construction
- Tube: Nylon
- Reinforcement: Fiber and Stainless Steel braid
- Cover: Polyurethane

Operating Parameters
- Temperature Range: -40°F to +212°F (-40°C to +100°C)
- Change in length at Max. Working Pressure: ±2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Part Number | Nominal I.D. | Maximum O.D. | Maximum Working Pressure | Vac. Rating Hg./73°F | Minimum Bend Radius | Weight lbs./ft. | Permanent Fitting Series
--- | --- | --- | --- | --- | --- | --- | ---
PTH-3 | 3/16 | .43 | 11 | 3,000 | 28 | .75 | 19 | .08 | .11 | 92

Fittings
- 92 Series – pg. E-85

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Clear

Notes
- Non-perforated cover
- Also available as custom order with black cover
S5N – Predator® Hose (Water Jetting/Lateral Cleaning)

Features
- Easily identified lime green cover signifies 4000 psi constant pressure
- Slim profile and light weight provide easy handling and routing

Certifications
- NSWMA (National Solid Waste Management Assoc.)
- WASTEC (Waste Equipment Technology Assoc.)
- WEMI (Waste Equipment Management Inst.)
- Specifications for repair/inspection procedures for high pressure hose used in conjunction with sewer/catch basin cleaning equipment

Applications/Markets
- High-pressure water equipment for cleaning or debris removal in lateral sewer lines
- Lines provide connection from commercial, industrial or residential structure to the main sewer line located under the streets
- Lateral lines are smaller in diameter than the main lines, and rely more on water pressure than water volume to clear residue and obstructions
- For water/slurry applications, contact Parflex for chemical compatibility recommendations

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>S500N</td>
<td>1/2</td>
<td>13</td>
<td>.81</td>
<td>28</td>
<td>4.00</td>
<td>102</td>
</tr>
</tbody>
</table>

Construction
- Tube: Gray Copolyester
- Reinforcement: Aramid Fiber
- Cover: Polyurethane

Operating Parameters
- Temperature Range: -40°F to +135°F for water (-40°C to +57°C)
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
- 55 Series – pg. E-12
- 56 Series – pg. E-36
- For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
- Access instructions are on pg. G-13

Colors
- Green

Notes
- Factory-made assemblies only
- Not for use in hydraulic applications
- Perforated cover
S6 – Predator® Hose (Sewer Cleaning)

Features
- Easily identified orange cover signifies 2500 psi constant pressure
- Bonded construction provides excellent kink resistance and flexibility

Certifications
- NSWMA (National Solid Waste Management Assoc.)
- WASTEC (Waste Equipment Technology Assoc.)
- WEMI (Waste Equipment Management Inst.)
- Specifications for repair/inspection procedures for high pressure hose used in conjunction with sewer/catch basin cleaning equipment

Applications/Markets
- High-pressure and high-volume water equipment for cleaning or debris removal in large sewer lines
- For water/slurry applications, contact Parflex for chemical compatibility recommendations

Construction
Tube: Gray Copolyester, S624 – Gray Nylon
Reinforcement: Fiber
Cover: Polyurethane

Operating Parameters
Temperature Range:
-40°F to +135°F (-40°C to +57°C)
Min. Burst Pressure is 2.5x Max. Working Pressure at 73°F (23°C)

Fittings
58 Series – pg. E-12
SQ Series (Swage Only)- pg. E-127
HY Series – pg. E-107 (*HY Fittings available from Parker Hose Products Division)
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Orange

Notes
Factory-made assemblies only
All standard assembly lengths coupled with rigid male pipe each end
Not for use in hydraulic applications
Perforated cover - S612, S616

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>S612</td>
<td>3/4</td>
<td>19</td>
<td>1.14</td>
<td>29</td>
<td>2,500</td>
<td>102</td>
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<tr>
<td>S616</td>
<td>1</td>
<td>25</td>
<td>1.41</td>
<td>36</td>
<td>2,500</td>
<td>152</td>
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</tbody>
</table>
S9 – Predator® Hose (Sewer Cleaning)

**Features**
- Easily identified blue cover signifies 3000 psi constant pressure
- Bonded construction provides excellent kink resistance and flexibility

**Certifications**
- NSWMA (National Solid Waste Management Assoc.)
- WASTEC (Waste Equipment Technology Assoc.)
- WEMI (Waste Equipment Management Inst.)
- Specifications for repair/inspection procedures for high pressure hose used in conjunction with sewer/catch basin cleaning equipment

**Applications/Markets**
- High-pressure and high-volume water equipment for cleaning or debris removal in large sewer lines
- For water/slurry applications, contact Parflex for chemical compatibility recommendations

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi MPA</td>
<td>inch mm</td>
<td>lbs./ft.</td>
<td>kg./mtr.</td>
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<td>S912</td>
<td>3/4 19</td>
<td>1.15 29</td>
<td>3,000 20.7</td>
<td>4.00 102</td>
<td>.30 .45</td>
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<tr>
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<td>1.47 37</td>
<td>3,000 20.7</td>
<td>8.00 203</td>
<td>.46 .68</td>
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</tbody>
</table>

**Construction**
- Tube: Gray Copolyester
- Reinforcement: Fiber
- Cover: Polyurethane

**Operating Parameters**
- Temperature Range: -40°F to +135°F for water (-40°C to +57°C)
- Min. Burst Pressure is 2.5x Max. Working Pressure at 73°F (23°C)

**Fittings**
- 58 Series – pg. E-12
- SQ Series (Swage Only) – pg. E-127
- HY Series – pg. E-107 (*HY Fittings available from Parker Hose Products Division)
- For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
- Access instructions are on pg. G-13

**Colors**
- Blue

**Notes**
- Factory-made assemblies only
- All standard assembly lengths coupled with rigid male pipe each end
- Not for use in hydraulic applications
- Perforated cover
SLH – Sewer Leader Hose

Features
- Easily identified black cover indicates termination of hose

Certifications
- NSWMA (National Solid Waste Management Assoc.)
- WASTEC (Waste Equipment Technology Assoc.)
- WEMI (Waste Equipment Management Inst.)

Applications/Markets
- Leader hose for S5/S6/S9 high-pressure sewer cleaning hose

Construction
Tube: Gray Copolyester
Reinforcement: Wire
Cover: Smooth synthetic rubber

Operating Parameters
Temperature Range:
-40°F to +150°F (-40°C to +66°C)
Min. Burst Pressure is 2.5x Max. Working Pressure at 73°F (23°C)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
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</table>

Fittings
- 58 Series – pg. E-12
- HY Series – pg. E-107 (*HY Fittings available from Parker Hose Products Division)
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

Notes
Factory-made assemblies only
Not for use in hydraulic applications
Perforated cover
Duraflex™ Hydraulic Hose Coil

Features
- Bonded twin-line construction
- Self retracting coil design

Certifications
- Meets/Exceeds SAE 100R7
- Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per foot

Applications/Markets
- Hydraulic tool hose for aerial lift applications
- General Hydraulics

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### Features
- Bonded twin-line construction
- Self retracting coil design

### Certifications
- Meets/Exceeds SAE 100R7
- Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per foot

### Applications/Markets
- Hydraulic tool hose for aerial lift applications
- General Hydraulics

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### Nomenclature

**Configuration**
- HC twin-line hose coil
- (blank) twin-line straight hose

**Hose Type (see specifications below)**
- 548N Med Pressure - straight or coiled

**End Connectors**
- 06MP 3/8” Rigid Male Pipe
- 06FJ 3/8” Female JIC Swivel

**Effective Working Length**
- 6 foot length
- 8 foot length
- 10 foot length
- 12 foot length

**Notes**
1. Part Number example shown is a stocked item.
2. Other combinations from this chart are readily available.
3. For options not shown, please consult Parflex Division.

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**Construction**
- Tube: Nylon
- Reinforcement: Fiber
- Cover: Polyurethane

**Operating Parameters**
- Temperature Range: -40°F to +212°F (-40°C to +100°C)
- Change in length at Max. Working Pressure: ±2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

**Fittings**
- 55 Series – pg. E-12
- 56 Series – pg. E-36

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

**Colors**
- Orange (Non-Conductive)

**Notes**
- Non-perforated cover