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

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

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<tr>
<td>RCTB</td>
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Understanding Parflex Hoses

Parflex hoses are designed to handle extremes. They are used in some of the harshest applications around, such as over-the-sheave or aerial lift because they are specifically designed to handle extreme abrasion, temperatures, flexing, impulse and other factors that cause many hoses to fail.

Hydraulic & Pneumatic Hose Selection
Parflex offers several lines of hydraulic and pneumatic hoses; General Hydraulic, Specialty and Hybrid hoses. Specialty hoses were designed to solve specific application problems. Hybrid Hoses belong specifically to Parflex, with no exact competitor equivalents. These hoses were developed to cross typical SAE boundaries and meet specific challenges our customers were bringing to us.

The visual index and hose pages indicate which hoses are Hybrid designs.

Review the STAMPED guide (Size, Temperature, Media, Application, Pressure, End Configuration, and Delivery Preferences) on page 11 to help narrow your search for the desired product.

Fluoropolymer Selection
Parflex offers two lines of Fluoropolymer Hoses; the traditional Parflex PTFE hoses, many that meet 100R14 standards, and the PAGE hose line, comprised of specialty braid and construction options.

Hoses in PAGE product line are manufactured with materials that are compliant to the following standards:

- FDA 21 CFR 177.1550 and 177.2600
- USP Class VI
- Pharmacopoeia 3.1.9
- ISO 10093, Sections 5, 6 10 and 11
- USDA Standards
- 3A Standards

The visual index and hose pages indicate which hoses are from the PAGE product line.

Hose Assemblies
To determine hose part numbers for assemblies use the following nomenclature pages:
- Parflex Thermoplastic Hose Assembly Nomenclature pg. A-18
- Parflex PTFE Hose Assembly Nomenclature pg. A-19
- PAGE Product Line - Industrial S30 & S40 Hose Assembly Nomenclature pg. A-20
- PAGE Product Line - “True-Bore” & Convoluted Hose Assembly Nomenclature pg. A-21

For detailed ordering information, please consult price list or contact Parflex® Division.
# How to Read the Hose Section

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<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
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<tr>
<td># D604</td>
<td>1/4 inch</td>
<td>.51 inch</td>
<td>3,000 psi/73˚F</td>
<td>2.00 inch</td>
<td>.12 lbs./ft.</td>
<td>43/HY</td>
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</tbody>
</table>

Base part number example.

**NOTE:** The primary dimensions are in black. The metric/inch equivalents appear in blue.

1. **Part Number**
   Hose Series Part Number - When two part numbers are listed, the second number is the static-dissipative or non-conductive design.

2. **Inside Diameter**
   A critical value along with pressure when calculating fluid flow rate and pressure drop.

3. **Outside Diameter**
   A critical measurement when considering hose fittings and applications where envelope size is limited.

4. **Working Pressure**
   Working pressure rating must meet or exceed the maximum operating pressure of the system including pressure spikes.

5. **Minimum Bend Radius**
   Minimum radius that the hose can be bent. Exceeding the bend radius can cause kinking, inner tube washout, or excessive stress on reinforcement resulting in shortened service life.

6. **Weight**
   Provided where weight is a critical parameter in the design of the system.

7. **Approved Fitting**
   Permanent or field attachable fitting series approved for selected hose. Products with no fitting selection are only available in factory built assemblies.
Hose Constructions

Thermoplastic Hose Construction

1. Core
   Contains Media
   Materials: Nylon, Polyethylene, Polyurethane, Copolyester

2. Reinforcement
   Provides Resistance to Internal Pressure
   Materials: Fiber (Nylon, Polyester, Aramid), Steel, Stainless Steel

3. Cover
   Protects Reinforcement
   Advantages: Aesthetics, Color and Marking
   Materials: Polyurethane, Nylon, Synthetic Rubber, Copolyester, Polyurethane, Proprietary Blend (PFX)

Fluoropolymer Hose Construction

1. Core
   Contains Media
   Materials: PTFE Smoothbore or Convoluted, PFA

2. Reinforcement
   Provides Resistance to Internal Pressure
   Materials: Steel, Stainless Steel, Polypropylene, Nomex®, Proprietary Composite

3. Cover or Protective Sleeve
   Protects Reinforcement
   Materials: Silicone, Polyolefin, EPDM Rubber

Nomex® is a registered trademark of Dupont.
Thermoplastic Hose Selection

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<td>Hose</td>
<td>Description</td>
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*View Government & Agency Specifications for exceptions, pg. G-60

Legend
N – Nylon  P – Copolyester  PFX – Proprietary Mat'I  R – Rubber  F – Fiber
NP – Neoprene PE – Polyethylene S – Silicone  U – Urethane

For detailed ordering information, please consult price list or contact Parflex® Division.
## PSI Thermoplastic Construction and Specifications

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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
## Fluoropolymer Hose Selection

### PSI Fluoropolymer Hose Working Pressures

| Reinforcement Type | Fractional Size | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi | Psi |
|--------------------|-----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                    | Dash Size       | -3  | -4  | -5  | -6  | -8  | -10 | -12 | -16 | -20 | -3  | -4  | -6  | -8  | -10 | 1/8 | 1/4 | 3/8 | 1/2 | 5/8 | 7/8 | 1-1/8 |
|                    | 919 PTFE Hose   | 3000| 3000| 3000| 2500| 2000| 1500| 1200| 1000| 625 |
|                    | 919B PTFE Hose with static-dissipative core | 3000| 3000| 2500| 2000| 1500| 1200| 1000| 625 |
|                    | 919J Silicone Covered PTFE Hose | 3000| 3000| 2500| 2000| 1500| 1200| 1000| 625 |
|                    | 919U High Abrasion Resistance PTFE Hose | 3000| 2500| 2000| 1200| 1000| 625 |
|                    | 929 Heavy Wall PTFE Hose | 3000| 2500| 2000| 1200| 1000| 625 |
|                    | 929B Heavy Wall PTFE Hose with static-dissipative core | 3000| 2500| 2000| 1200| 1250|
|                    | 929BJ Silicone Covered PTFE Hose with static-dissipative core | 3000| 2500| 2000| 1200| 1250|
|                    | 939 Convoluted PTFE Hose | 1500| 1350| 1000|
|                    | 939B Convoluted PTFE Hose with static-dissipative core | 1500| 1350| 1000|
|                    | 943B High Pressure PTFE Hose with static-dissipative core | 3000| 3000| 3000| 3000| 3000| 3000| 3000|
|                    | 944B High Pressure PTFE Hose with static-dissipative core | 4500| 4500| 4500| 4500| 4500| 4500| 4500|
|                    | 950B High Pressure PTFE Hose with static-dissipative core | 4000| 4000| 4000| 4000| 4000| 4000| 4000|
|                    | 955B High Pressure PTFE Hose with static-dissipative core | 5500| 5500| 5500| 5500| 5500| 5500| 5500|
|                    | S30 PAGE Ind. PTFE Hose | 3000| 3000| 2500| 2000| 1750| 1500| 1000| 625 |
|                    | S30B PAGE Ind. PTFE Hose with static-dissipative core | 3000| 3000| 2500| 2000| 1750| 1500| 1000| 625 |
|                    | S40 PAGE Ind. Heavy Wall PTFE Hose | 3000| 3000| 2500| 2000| 1750| 1500| 1000| 625 |
|                    | S40B PAGE Ind. Heavy Wall PTFE Hose with static-dissipative core | 3000| 3000| 2500| 2000| 1750| 1500| 1000| 625 |
|                    | STW Z-STW* PAGE Heavy Wall PTFE Hose “Double Braid” | 3000| 3000| 2000| 1750| 1500| 1000| 625 |
|                    | STB Z-STB* PAGE Heavy Wall PTFE Hose with static-dissipative core “Double Braid” | 3000| 3000| 2000| 1750| 1500| 1000| 625 |
|                    | SCW PAGE Convoluted PTFE Hose | 1500| 1500| 1500| 1500| 1500| 1500| 1500| 625 |
|                    | SCB PAGE Convoluted PTFE Hose with static-dissipative core | 1500| 1500| 1500| 1500| 1500| 1500| 1500| 625 |
|                    | SCWV PAGE Heavy Wall Convoluted PTFE Hose | 1500| 1500| 1500| 1500| 1500| 1500| 1500| 625 |
|                    | SCBV PAGE Heavy Wall Convoluted PTFE Hose with static-dissipative core | 1500| 1500| 1500| 1500| 1500| 1500| 1500| 625 |
|                    | SCWV-FS PAGE Flare-Seal® PTFE Hose | 500| 500| 500| 500| 500| 500| 500| 625 |
|                    | SCBV-FS PAGE Flare-Seal® PTFE Hose with static-dissipative core | 500| 500| 500| 500| 500| 500| 500| 625 |
|                    | PCW PAGE Convoluted PTFE Hose, PP Braid | 350| 350| 300| 350| 300| 350| 300| 625 |
|                    | PCB PAGE Convoluted PTFE Hose with static-dissipative core, PP Braid | 350| 350| 300| 350| 300| 350| 300| 625 |
|                    | PCV PAGE Heavy Wall Convoluted PTFE Hose, PP Braid | 350| 350| 300| 350| 300| 350| 300| 625 |
|                    | PCBV PAGE Heavy Wall Convoluted PTFE Hose with static-dissipative core, PP Braid | 350| 350| 300| 350| 300| 350| 300| 625 |
|                    | PCSV-FS PAGE Flare-Seal® PTFE Hose, PP Braid | 300| 300| 300| 300| 300| 300| 300| 625 |
|                    | PCSV-FS PAGE Flare-Seal® PTFE Hose with static-dissipative core, PP Braid | 300| 300| 300| 300| 300| 300| 300| 625 |
|                    | RCTW PAGE Rubber Covered EPDM | 500| 500| 500| 500| 500| 500| 500| 625 |
|                    | RCTB PAGE Rubber Covered EPDM with static-dissipative core | 500| 500| 500| 500| 500| 500| 500| 625 |
|                    | SBFW PAGE Page-Flex® SBF | 300| 300| 300| 300| 300| 300| 300| 625 |
|                    | SSBF PAGE Page-Flex® SBF with static-dissipative core | 300| 300| 300| 300| 300| 300| 300| 625 |

*Z indicates double braid.

**Legend**

- PTFE – Polytetrafluoroethylene
- PTFE-S – Polytetrafluoroethylene, Static Dissipative
- FEP – Fluorinated Ethylene Propylene
- PFA – Perfluoroalkoxy

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

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

## PSI Fluoropolymer Construction and Specifications

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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
## Thermoplastic Hose Selection

### MPa Thermoplastic Hose Working Pressures

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### General Technical

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

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
### Thermoplastic Hose Working Pressures

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*View Government & Agency Specifications for exceptions, pg. 60

**Legend**
- N – Nylon
- P – Copolyester
- PFX – Proprietary Mat’L
- R – Rubber
- F – Fiber
- NP – Neoprene
- PE – Polyethylene
- S – Silicone
- U – Urethane

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

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## Fluoropolymer Hose Selection

### MPa Fluoropolymer Hose Working Pressures

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### Legend

- **PTFE** – Polytetrafluoroethylene
- **FEP** – Fluorinated Ethylene Propylene
- **PFA** – Perfluoroalkoxy

*Z indicates double braid.*

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

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# Fluoropolymer Hose Selection

## Construction/Specifications

| psi Fluoropolymer Construction and Specifications |
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| | | | | | | | | PTFE | SS Wire | U | A-67 | High Abrasion Resistance PTFE Hose | 919U |
| | | | | | | | | PTFE | SS Wire | — | A-68 | Heavy Wall PTFE Hose | 929 |
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| | | | | | | | | PTFE-S | SS Wire | S | A-69 | Silicone Covered PTFE Hose with static-dissipative core | 929BJ |
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| 7.6 | 6.9 | 6.9 | 5.2 | 1.7 | | | | PTFE | SS Wire | — | A-70 | Convoluted PTFE Hose with static-dissipative core | 939B |
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| | | | | | | | | PFA | Bonded Wire-Silicone-Fiber | — | A-78 | PAGE Page-Flex® SBF with static-dissipative core | SBF |

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PFA-S – Perfluoroalkoxy, Static Dissipative  
PP – Polypropylene  
PF – Polyethylene  
S – Silicone  
U – Polyurethane

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

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# Parflex Thermoplastic Hoses Assembly Nomenclature

## Prefix

- **F** – Parkrimp (i.e. 55 series)
- **A** – Factory Crimp (i.e. 54 series)
- **R** – Field Attachable (i.e. 51 series)

## Hose

<table>
<thead>
<tr>
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* See pg. E-4 for detailed list of available fitting configurations.

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## Overall Length

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## Displacement Angle

- **Near End**
- **Far End**

*Starting with either end as the far end, measure the angle clockwise to describe the displacement of the near end.

---

**Note:** These fittings are measured from the sealing face. For detailed ordering information, please consult price list or contact Parflex® Division.
Parflex PTFE Hoses

Parflex PTFE Hose Assembly Nomenclature

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<td>03 – Male SAE (JIC) 37° Flare</td>
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<td>06 – Female SAE (JIC) 37° Swivel</td>
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<td>41 – Female SAE (JIC) 37° Swivel - 90° Long Elbow</td>
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<td>FU – Female JIC/BSP 30° Flare Swivel</td>
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* See pg. E-4 for detailed list of available fitting configurations.

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** Overall Length
Expressed in Inches
OAL measured from centerline of fitting seat if elbow fittings are used.

NOTE: Face Seal type fittings are measured from sealing face.

Displacement Angle
Specified only if two elbow fittings are used to construct hose assembly.*

*Starting with either end as the far end, measure the angle clockwise to describe the displacement of the near end.
# Parflex PAGE Product Line

## PAGE Industrial S30 & S40 Hose Assembly Nomenclature

### Assembly Code
- **Permanently Attached**: X
- **Field Attachable**: FA

### Size Code

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</table>

### Hose Code
- S30
- S30B
- S40
- S40B
- 944B
- 944B
- 955B
- 955B

### Fitting Material
- Stainless (SS): S
- Brass: B
- Carbon Steel: C

### Accessory Code
- None
- Spring Guard: S
- Armour Guard: A
- End Bend Restrictors: E
- Fire Sleeve: F
- Rubber Sleeve: H
- FEP Heat Shrink: T
- Polyolefin Heat Shrink: P
- Silicone Sleeve: M
- Internal Spring: I
- Vacuum Spring Wire: W
- Specials: X

### Example: X08H10S68S0-0300
- Size: 08 (13/32 I.D.)
- Style: S40
- Braid: SS Single Braid
- Core: Heavy Wall Smoothbore Convoluted PTFE

### Fitting Code
- **Pipe Thread Fittings**
  - Male Pipe NPT Hex: 10
  - Male Pipe NPT Step Up: 15
  - Male Pipe NPT Step Down: 20
  - Male Union: 11
  - Male Union 45°: 14
  - Male Union 90°: 19
  - Male Union Step Up: 16
  - Male Union Step Down: 21
  - Female Pipe NPT Hex: 55
  - Female Pipe Step Up: 58
  - Female Pipe Step Down: 59
  - Female Union: 80
  - Female Union Step Up: 84
  - Female Union Step Down: 88
- **JIC Fittings**
  - JIC Female Swivel: 68
  - JIC Female 45° Elbow: 66
  - JIC Female 90° Elbow: 67
  - SAE Female Swivel: 69
  - SAE Female 45° Elbow: 70
  - SAE Female 90° Elbow: 71
  - JIC Female Step Up: 64
  - JIC Female Step Down: 65
- **Tube Stub Fittings**
  - Tube Stub: 91
  - Tube Stub Step Up: 93
  - Tube Stub Step Down: 95
- **Inverted Flare & Power Trim Fittings**
  - Male Straight: 76

### Length
- 300" from end of Male Pipe to seat of Female JIC

**NOTE:** Length calculations for PAGE hose assemblies are typically made sealing surface to sealing surface per the NAHAD Fluoropolymer Hose Assembly Specification Guidelines unless otherwise requested by customer at time of order.
### Parflex PAGE Product Line

#### “True-Bore” & Convoluted Hose Assembly Nomenclature

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**Example:** 32J03C13C0-0120-A

**Size:** 2"  **Style:** SCWV  **Braid:** 316 SS Single Braid  **Core:** Heavy Wall Open Pitch Convoluted PTFE  **End 1:** 2" Male Pipe NPT Hex  **End 2:** 2" Male Pipe NPT Step Down

**Length:** 120" from end of Male NPT to end of Male Step Down

**NOTE:** Length calculations for PAGE hose assemblies are typically made sealing surface to sealing surface per the NAHAD Fluoropolymer Hose Assembly Specification Guidelines unless otherwise requested by customer at time of order.
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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</table>

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)
- 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

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

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

Applications/Markets

<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>inch mm</td>
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</table>

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 Working Length @
Max. Working Pressure: +2/-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

Color
- Black

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

<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 Kg./°F</th>
<th>Weight</th>
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</table>

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

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

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

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

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

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

Part Number | Nominal I.D. | Maximum O.D. | Maximum Working Pressure | Minimum Bend Radius | Vac. Rating Hg./°F | Weight | Permanent Fitting Series | Field Attachable Series |
--- | --- | --- | --- | --- | --- | --- | --- | --- |
HFS204* | 1/4 | 6 | .57 | 14 | 5,000 | 34.5 | 2.00 | 51 | 28 | .21 | .31 | 43**/HY*** | BA |
HFS206 | 3/8 | 10 | .68 | 17 | 4,000 | 27.6 | 2.50 | 64 | 28 | .23 | .34 | 58/43**/HY*** | BA |
HFS208 | 1/2 | 13 | .82 | 21 | 3,500 | 24.1 | 3.50 | 89 | 28 | .29 | .43 | 58/43**/HY*** | BA |
HFS210 | 5/8 | 16 | .97 | 25 | 2,750 | 19.0 | 4.00 | 102 | 28 | .38 | .57 | 43**/HY*** | – |
HFS212 | 3/4 | 19 | 1.10 | 28 | 2,250 | 15.5 | 4.75 | 121 | 28 | .45 | .67 | 43**/HY*** | BA |
HFS216* | 1 | 25 | 1.45 | 37 | 2,000 | 13.8 | 6.00 | 152 | 28 | .80 | 1.19 | 43**/HY*** | BA |

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) *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

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

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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>
<th>Vac. Rating Hg./73°F</th>
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</table>

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

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

<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>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
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<td>.29</td>
<td>.43</td>
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<td>4.75</td>
<td>121</td>
<td>.69</td>
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</table>

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)

Colors
- Black

Notes
- Two wire braid
- Twin line hose available
- Preformed assemblies

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

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

<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./°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
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<td>R604</td>
<td>1/4 inch</td>
<td>.53 inch</td>
<td>3000 psi</td>
<td>20.7 MPa</td>
<td>1.11 lbs./ft.</td>
<td>.16 kg./mtr.</td>
<td>HY***</td>
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<tr>
<td>R606</td>
<td>3/8 inch</td>
<td>.69 inch</td>
<td>3000 psi</td>
<td>20.7 MPa</td>
<td>2.00 lbs./ft.</td>
<td>.30 kg./mtr.</td>
<td>58/HY***</td>
</tr>
<tr>
<td>R608</td>
<td>1/2 inch</td>
<td>.84 inch</td>
<td>3000 psi</td>
<td>20.7 MPa</td>
<td>2.50 lbs./ft.</td>
<td>.40 kg./mtr.</td>
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<td>R610*</td>
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<td>1.09 inch</td>
<td>3000 psi</td>
<td>20.7 MPa</td>
<td>3.50 lbs./ft.</td>
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<tr>
<td>R612*</td>
<td>3/4 inch</td>
<td>1.24 inch</td>
<td>3000 psi</td>
<td>20.7 MPa</td>
<td>4.75 lbs./ft.</td>
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<td>1.55 inch</td>
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<td>20.7 MPa</td>
<td>6.00 lbs./ft.</td>
<td>1.00 kg./mtr.</td>
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</table>

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 (-46°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
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

<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 Bond Radius</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

<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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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
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

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 J1-100 Requirements

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

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<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
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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)
- Change in length at Max. Working Pressure: ±2%

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

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

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<th>Part Number</th>
<th>Nominal I.D.</th>
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<th>Maximum Working Pressure</th>
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<td>12.1</td>
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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)

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.
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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<th>Maximum Working Pressure</th>
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<th>Permanent Fitting Series</th>
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<td>inch mm</td>
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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)

### 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
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: 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)

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<th>Part Number</th>
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<th>Maximum O.D.</th>
<th>Maximum Working Pressure</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
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

<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>.41</td>
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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
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
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>
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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-56

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./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
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<td></td>
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<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>MPa</td>
<td>psi</td>
<td>MPa</td>
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<td>2.00</td>
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</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:
- 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
- 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.

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

Applications/Markets
- Medium pressure hydraulic service
- Aerial Lift

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>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>
<th>Weight</th>
<th>Permanent Fitting Series</th>
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<td>MPa</td>
<td>psi</td>
<td>MPa</td>
<td>inch</td>
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<td>3,000</td>
<td>20.7</td>
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<td>2,500</td>
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<td>3,000</td>
<td>20.7</td>
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<td>3,000</td>
<td>20.7</td>
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<td>11.5</td>
<td>1,250</td>
<td>8.6</td>
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</tbody>
</table>

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

<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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<tbody>
<tr>
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<td>inch/mm</td>
<td>psi/MPa</td>
<td>inch/mm</td>
<td>lbs./ft.</td>
<td></td>
<td></td>
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<td>515H-3&quot;</td>
<td>3/16 in.</td>
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<td>0.75 in.</td>
<td>0.03 lbs./ft.</td>
<td>.04</td>
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<td>0.04 lbs./ft.</td>
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<tr>
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<td>0.05 lbs./ft.</td>
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<td>0.05 lbs./ft.</td>
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<td>3.00 in.</td>
<td>0.11 lbs./ft.</td>
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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/cripsource
  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

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

<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>mm</td>
<td>psi</td>
<td>MPa</td>
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<td>528N-4</td>
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<td>2.00</td>
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<td>528N-5</td>
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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)

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
- 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

<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>lbs./ft. kg./mtr.</td>
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<td>3.00 76 28</td>
<td>.09 .13</td>
<td>55</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
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>
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<th>Permanent Fitting Series</th>
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<tbody>
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<td>inch mm</td>
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<td>.07 .11</td>
<td>55</td>
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</table>

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)

Colors
- Blue

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

For detailed ordering information, please consult price list or contact Parflex® Division.
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 100R18
- 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

### Part Number | Nominal I.D. | Maximum O.D. | Maximum Working Pressure | Minimum Bend Radius | Vac. Rating Hg./73°F | Weight | Permanent Fitting Series
---|---|---|---|---|---|---|---
| Natural | Non-Conductive | inch | mm | inch | mm | psi | Mpa | inch | mm | inch | lbs./ft. | kg./mtr. | |
53DM-3 | 538DM-3 | 3/16 | 5 | .43 | 11 | 3,000 | 20.7 | 1.00 | 25 | 28 | .06 | .08 | 55/56 |
53DM-4 | 538DM-4 | 1/4 | 6 | .49 | 12 | 3,000 | 20.7 | 1.25 | 32 | 28 | .07 | .10 | 55/56 |
53DM-5 | 538DM-5 | 5/16 | 8 | .60 | 15 | 3,000 | 20.7 | 2.00 | 51 | 28 | .10 | .15 | 58/HY* |
53DM-6 | 538DM-6 | 3/8 | 10 | .66 | 17 | 3,000 | 20.7 | 2.00 | 51 | 28 | .11 | .16 | 55/56 |
53DM-8 | 538DM-8 | 1/2 | 13 | .84 | 21 | 3,000 | 20.7 | 3.50 | 89 | 28 | .17 | .26 | 55/56 |
53DM-10 | 538DM-10 | 5/8 | 16 | 1.03 | 26 | 3,000 | 20.7 | 4.00 | 102 | 28 | .22 | .33 | 58 |
53DM-12 | - | 3/4 | 19 | 1.13 | 29 | 3,000 | 20.7 | 6.50 | 165 | 28 | .26 | .39 | 58H |

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

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
- Orange (Non-Conductive)

Notes
- Do not use in over-the-sheave applications
- Perforated cover - 53DM
- Non-perforated cover - 538DM
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

<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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<tbody>
<tr>
<td>540N-2</td>
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<td>.34</td>
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<td>.03  .05</td>
<td>57</td>
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<tr>
<td>540N-3</td>
<td>3/16</td>
<td>.44</td>
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<td>28</td>
<td>.04  .06</td>
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<td>27 1,250 8.6 6.00</td>
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<td>30</td>
<td>.17  .25</td>
<td>55/56</td>
</tr>
</tbody>
</table>

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
- 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
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

---

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

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

---

### Part Number

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<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>2,750</td>
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<td>15.5</td>
<td>2.00</td>
<td>51</td>
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<td>540P-8</td>
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<td>.81</td>
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<td>13.8</td>
<td>3.00</td>
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<td>27</td>
<td>1,250</td>
<td>8.6</td>
<td>5.00</td>
<td>127</td>
</tr>
</tbody>
</table>

### 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](http://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

<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./°F</th>
<th>Weight lbs./ft.</th>
<th>Permanent Fitting Series</th>
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<td>9.000</td>
<td>20.7</td>
<td>.50</td>
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<td>55LT-3</td>
<td>3/16</td>
<td>.43</td>
<td>11.250</td>
<td>22.4</td>
<td>.75</td>
<td>.05</td>
<td>55/56</td>
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<td>1.25</td>
<td>.07</td>
<td>55/56</td>
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<td>15.5</td>
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<td>.10</td>
<td>55/56</td>
</tr>
<tr>
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<td>1/2</td>
<td>.81</td>
<td>21.250</td>
<td>17.2</td>
<td>3.00</td>
<td>.14</td>
<td>55/56</td>
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<td>28.125</td>
<td>8.6</td>
<td>5.00</td>
<td>.21</td>
<td>55</td>
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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)

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

<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>Natural</td>
<td>Non-Conductive</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
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<tr>
<td>56DH-1.5</td>
<td>568DH-1.5</td>
<td>.09</td>
<td>2</td>
<td>.20</td>
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<td>56DH-2</td>
<td>568DH-2</td>
<td>.14</td>
<td>4</td>
<td>.32</td>
<td>8</td>
<td>6,000</td>
</tr>
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</table>

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
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>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>569-4</td>
<td>1/4 inch</td>
<td>.54 inch</td>
<td>10,000 psi</td>
<td>2 inch</td>
<td>.08 lbs./ft.</td>
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</table>

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
58 Series – pg. E-12
Connection configurations limited to:
- Male Taper Pipe Rigid Straight (10158-4-4, 10158-6-4)
- Metric Swivel Female DIN 20078 Light Series Straight (1C358-8-4)

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

For detailed ordering information, please consult price list or contact Parflex® Division.
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>
<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>10.00</td>
<td>.41 .60</td>
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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
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>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
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<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>
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<td></td>
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<td>.24 .36 58H</td>
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<tr>
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<td>10.00 254</td>
<td>.36 .54 58H</td>
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</tr>
</tbody>
</table>

**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>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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<tbody>
<tr>
<td>Natural</td>
<td>Non-Conductive</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>MPa</td>
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<td>5,000</td>
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<td>588N-6</td>
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<td>1.58</td>
<td>40</td>
<td>3,000</td>
<td>20.7</td>
<td>10.00</td>
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</table>

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
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

Colors
- Black
- Orange (Non-Conductive)

Notes
Perforated cover - 580N
*Non-perforated cover -588N, H580N-16
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 lbs./ft.</th>
<th>Weight kg./mtr.</th>
<th>Permanent Fitting Series</th>
<th>PushLok Fitting*</th>
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<td>2.00</td>
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<td>.08</td>
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<td>89</td>
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<td>.19</td>
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</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>
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</table>

## Notes

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

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
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>
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<tr>
<td>#</td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi MPa</td>
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</tr>
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</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
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
- 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
B9 - General Purpose Transfer Hose

Features
- Excellent flexibility

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

<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>
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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

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

<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>inch</td>
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<td>25 1.59</td>
<td>40</td>
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</table>

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

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

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

Certifications
- MSHA Accepted

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)

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

Part Number | Nominal I.D. | Maximum O.D. | Maximum Working Pressure | Minimum Bend Radius | Vac. Rating Hg./73°F | Weight lbs./ft. kg./mtr. | Permanent Fitting Series | Field Attachable Series
--- | --- | --- | --- | --- | --- | --- | --- | ---
HLB02* | 1/8 | 3.2 | .32 | 8 | 3,000 | 20.7 | .50 | 13 | 28 | .03 | .04 | CY | BU
HLB03** | 3/16 | 4.8 | .41 | 10 | 3,000 | 20.7 | .75 | 19 | 28 | .06 | .08 | CY | BU
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

![Coiled Air Hose & Fittings](image)

**Construction**
Tube: Nylon
Reinforcement: 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: MSH – Marine Steering Fast Response Hose

<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>.05</td>
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<td>MS</td>
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<tr>
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<td>.59</td>
<td>15</td>
<td>1,000</td>
<td>6.9</td>
<td>.07</td>
<td>.11</td>
<td>MS</td>
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**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
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)

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

Part Number | Nominal I.D. | Maximum O.D. | Maximum Working Pressure | Vac. Rating Hg./73°F | Minimum Bend Radius | Weight | Permanent Fitting Series
--- | --- | --- | --- | --- | --- | --- | ---
PTH-3 | 3/16 | .43 | 11 | 3,000 | 20.7 | 28 | .75 | 19 | .08 | .11 | 92

For detailed ordering information, please consult price list or contact Parflex® Division.
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/Marks
- 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>
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</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 lbs./ft.</th>
<th>Permanent Fitting Series</th>
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</table>

For detailed ordering information, please consult price list or contact Parflex® Division.
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>
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<th>Permanent Fitting Series</th>
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</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

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

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

Part Number Nominal I.D. Maximum O.D. Maximum Working Pressure Minimum Bend Radius Vac. Rating Hg./73°F Weight Permanent Fitting Series

<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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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

### General Technical
- A-67

#### Duraflex™ Hydraulic Hose Coil 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>
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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

---

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

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
919/919B – PTFE Hose

Features
- Excellent chemical compatibility
- Handles extreme temperatures to +450°F
- Environmentally safe
- Resists moisture
- Low friction minimizes pressure drops and deposits

Certifications
- Meets/Exceeds SAE 100R14A - 919
- Meets/Exceeds SAE 100R14B - 919B
- FDA CFR 177.1550 (Natural tube)

Applications/Markets
- Chemical Transfer Lines
- General Hydraulics
- Compressed Air/Gases
- Adhesive Dispensing
- Coolant Lines
- Medical Gases

<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./°F</th>
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Construction
- Tube: 919 - Natural FDA Compliant PTFE
- 919B - Black Static-Dissipative PTFE
- Reinforcement: 304 Stainless Steel braid

Operating Parameters
- Temperature Range: -100°F to +450°F (-73°C to +232°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
- 90 Series – pg. E-65
- 91/91N Series – pg. E-72
- 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
- Use hose type 919B with static-dissipative core tube when conveying non-conducting fluids such as oils, paints, fuels, steam, etc.
919J – Silicone Covered PTFE Hose

Features
- Silicone cover provides a clean, smooth cover to protect the stainless steel wire reinforcement against wear, fraying and contaminants
- Steam cleanable

Certifications
- Meets/Exceeds SAE 100R14A
- FDA CFR 177.1550

Applications/Markets
- Chemical Transfer Lines
- General Hydraulics
- Compressed Air/Gases
- Adhesive Dispensing
- Coolant Lines
- Medical Gases

<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./°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
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<td>.29</td>
<td>.43 91N</td>
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</table>

Construction
Tube: Natural FDA compliant PTFE
Reinforcement: 304 Stainless Steel braid
Cover: Extruded silicone

Operating Parameters
Temperature Range: -40°F to +450°F (-40°C to +232°C)
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
91N Series – pg. E-72
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
Cover must be skived prior to fitting attachment
919U – High Abrasion Resistance PTFE Hose

**Features**
- Non-Marring, abrasion resistant polyurethane cover protects the stainless steel wire reinforcement against wear, fraying and contaminants

**Certifications**
- Meets/Exceeds SAE 100R14A but operates at a temperature range of -40°F to +275°F
- FDA CFR 177.1550

**Applications/Markets**
- Chemical Transfer Lines
- General Hydraulics
- Compressed Air/Gases
- Adhesive Dispensing
- Coolant Lines
- Medical Gases

<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./°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
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<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>MPa</td>
<td>inch</td>
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<td>.37</td>
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<td>22</td>
<td>1.12</td>
<td>28</td>
<td>1,000</td>
<td>6.9</td>
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</table>

**Construction**
- Tube: Natural FDA compliant PTFE
- Reinforcement: 304 Stainless Steel braid
- Cover: Polyurethane

**Operating Parameters**
- Temperature Range: -40°F to +275°F (-40°C to +135°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

**Fittings**
- 91N Series – pg. E-72
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**
- Cover must be skived prior to fitting attachment
- Other colors available upon request
929/929B – Heavy Wall PTFE Hose

Features
- Tight bend radius
- Excellent kink resistance
- Enhanced resistance to gas permeation due to increased PTFE wall thickness (.040")

Certifications
- Meets/Exceeds SAE 100R14A - 929
- Meets/Exceeds SAE 100R14B - 929B
- FDA CFR 177.1550 (Natural tube)

Applications/Markets
- Chemical Transfer Lines
- General Hydraulics
- Compressed Air/Gases
- Adhesive Dispensing
- Coolant Lines
- Medical Gases
- 919 (100R14) hose applications requiring tight routings

<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>
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<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>MPa</td>
<td>inch</td>
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<td>9</td>
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<td>188</td>
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</tbody>
</table>

Construction
Tube: 929 - Natural FDA Compliant PTFE
929B - Black Static-Dissipative PTFE
Reinforcement: 304 Stainless Steel braid

Operating Parameters
Temperature Range:
- -100°F to +450°F (-73°C to +232°C)
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
91N Series – pg. E-72
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/rimpsource
Access instructions are on pg. G-13

Notes
Use hose type 929B with static-dissipative core tube when conveying non-conducting fluids such as oils, paints, fuels, steam, etc.
**929BJ – Silicone Covered PTFE Hose**
*(with Static-Dissipative Tube)*

**Features**
- Silicone cover protects SS wire reinforcement against wear and fraying, up to 450°F
- Silicone cover provides clean, smooth cover and prevents contaminants from accumulating in braid
- Tight bend radius
- Excellent kink resistance
- Enhanced resistance to gas permeation due to increased PTFE wall thickness
- Steam cleanable

**Applications/Markets**
- Vacuum lines for high temperature autoclaves
- General Hydraulics
- Compressed Air/Gases

**Construction**
- Tube: Black static-dissipative PTFE
- Reinforcement: 304 Stainless Steel braid
- Cover: Silicone cover

**Operating Parameters**
- Temperature Range: 
  -65°F to +450°F (-54°C to +232°C)
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

**Part Number | Nominal I.D. | Maximum O.D. | Tube Wall | Maximum Working Pressure | Minimum Bend Radius | Vac. Rating Hg./73°F | Weight | Permanent Fitting Series**
--- | --- | --- | --- | --- | --- | --- | --- | ---
929BJ-4 | 3/16 | 5 | .58 | 15 | .040 | 1.02 | 3,000 | 20.7 | 2.00 | 51 | 28 | .17 | .25 | 91N
929BJ-6 | 5/16 | 8 | .70 | 18 | .040 | 1.02 | 2,500 | 17.2 | 4.00 | 102 | 28 | .23 | .34 | 91N
929BJ-8 | 13/32 | 10 | .81 | 20 | .044 | 1.12 | 2,000 | 13.8 | 4.60 | 117 | 28 | .29 | .43 | 91N

**Fittings**
- 91N Series – pg. E-72
- 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**
- Brown

**Notes**
- Cover must be skived prior to fitting attachment
939/939B – Convoluted PTFE Hose

Features
- Excellent flexibility
- Exceptional kink resistance

Certifications
- FDA CFR 177.1550 (Natural tube)

Applications/Markets
- Chemical Transfer
- General Hydraulics
- Hose applications requiring tight routings

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal L.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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<td>inch mm inch lbs./ft.</td>
<td>kg./mtr.</td>
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<td>1,100 7.6 3.95 95 28</td>
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<td></td>
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Construction
Tube: 939 - Natural FDA Compliant PTFE
939B - Black Static-Dissipative PTFE
Reinforcement: 304 Stainless Steel braid

Operating Parameters
Temperature Range:
-100°F to +450°F (-73°C to +232°C)
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
93N Series – pg. E-87
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/cripsource
Access instructions are on pg. G-13

Notes
Use hose type 939B with static-dissipative core tube when conveying non-conducting fluids such as oils, paints, fuels, steam, etc.
Not suggested for steam-cold water cycling applications
* 28 in./Hg can be obtained by using 2799 internal spring guard. See pg. F-20
943B – 3,000 psi W.P. High Temp Hose

Features
- High temperature hydraulic hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Certifications
- Meets/Exceeds SAE 100R7 and SAE 100R17

Applications/Markets
- High temp hydraulic applications
- Chemical Transfer
- Compressed Air/Gases
- Paint Striping

### Part Number | Nominal I.D. | Maximum O.D. | Maximum Working Pressure | Minimum Bend Radius | Vac. Rating Hg./73°F | Weight lbs./ft. | kg./mtr.
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Construction
Tube: Black static-dissipative PTFE
Reinforcement: 304 Stainless Steel braid

Operating Parameters
Temperature Range:
-65°F to +400°F (-54°C to +204°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings
94 Series – pg. E-90

Notes
Factory-made assemblies only
Not suggested for steam-cold water cycling applications
944B – 4,000-4,500 psi W.P. High Temp Hose

Features
- High temperature hydraulic hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Applications/Markets
- General Hydraulics
- Chemical Transfer
- Compressed Air/Gases

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Construction
Tube: Black static-dissipative PTFE
Reinforcement: 304 Stainless Steel braid

Operating Parameters
Temperature Range:
-65°F to +400°F (-54°C to +204°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 3x Max. Working Pressure at 73°F (23°C)

Fittings
94 Series – pg. E-90

Notes
Factory-made assemblies only
Not suggested for steam-cold water cycling applications
Reduce pressure to 3,000 psi (20.7MPa) for pressure impulse applications
950B – 4,000 psi W.P. High Temp Hose

**Features**
- High temperature hydraulic hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

**Applications/Markets**
- High temp hydraulic applications
- Chemical Transfer
- Compressed Air/Gases
- Ground Support

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**Construction**
Tube: Black static-dissipative PTFE
Reinforcement: Multiple high density braids of 304 Stainless Steel

**Operating Parameters**
Temperature Range:
-65°F to +400°F (-54°C to +204°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 3x Max. Working Pressure at 73°F (23°C)

**Notes**
Factory-made assemblies only

**Fittings**
95 Series – pg. E-90
955B – 5,500 psi W.P. High Temp Hose

Features
- High temperature hydraulic hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Applications/Markets
- General Hydraulics
- Chemical Transfer
- Compressed Air/Gases
- Ground Support

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Construction
Tube: Black static-dissipative PTFE
Reinforcement: Multiple high density braids of 304 Stainless Steel

Operating Parameters
Temperature Range:
-65°F to +400°F (-54°C to +204°C)
Change in length at Max. Working Pressure: ±2%
Min. Burst Pressure is 16,000 psi at 73°F (23°C)

Fittings
95 Series – pg. E-90

Notes
Factory-made assemblies only
Not suggested for steam-cold water cycling applications
Reduce operating pressure to 4000 psi (27.6 MPa) for impulse service applications

For detailed ordering information, please consult price list or contact Parflex® Division.
S30/S30B - Industrial .030” wall PTFE Hose, Stainless Steel Braid

Features
- High temperature hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Compliances
- FDA 21 CFR 177.1550 (Natural tube)
- SAE J517 (100R14)

Applications/Markets
- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage
- Cosmetics

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Construction
Tube: S30 - Natural FDA Compliant PTFE
S30B - Black Static-Dissipative PTFE
Reinforcement: 304 Stainless Steel braid

Operating Parameters
Temperature Range:
-100°F to +450°F (-73°C to +232°C)
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
All ratings based on 72°F/23°C

Fittings
90 Series – pg. E-65
91/91N Series – pg. E-72
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
See pg. A-20 for part numbering system
S40/S40B - Industrial .040 wall
Heavy Wall PTFE Hose, Stainless Steel Braid

Features
- 33% more PTFE
- High temperature hose
- Excellent chemical compatibility
- Improved bend radius
- Decreased gas permeation
- Low friction minimizes pressure drops and deposits

Compliances
- FDA 21 CFR 177.1550 (Natural tube)
- SAE J517 (100R14)

Applications/Markets
- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage
- Cosmetics

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Construction
Tube: S40 - Natural FDA Compliant PTFE
S40B - Black Static-Dissipative PTFE
Reinforcement: 304 Stainless Steel braid

Operating Parameters
Temperature Range:
-100°F to +450°F (-73°C to +232°C)
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
All ratings based on 72°F/23°C

Fittings
91N Series – pg. E-72
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
See pg. A-20 for part numbering system
STW/STB - “TRUE BORE”
Smoothbore PTFE Hose, Stainless Steel Braid

Features
- High temperature hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

Compliances
- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets
- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage
- Cosmetics

### Features
- High temperature hose
- Excellent chemical compatibility
- Resists moisture
- Low friction minimizes pressure drops and deposits

### Compliances
- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

### Applications/Markets
- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage
- Cosmetics

### Construction
Tube: STW - Natural FDA Compliant PTFE
STB - Black Static-Dissipative PTFE
Reinforcement: 304 Stainless Steel braid

### Operating Parameters
Temperature Range:
- -100°F to +450°F (-73°C to +232°C)
Change in length at Max. Working Pressure: +2% to -4%
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
All ratings based on 72°F/23°C

### Fittings
PAGE Fittings – pg. E-91
Uses crimp collar ST300, see pg. E-92
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
“Z” indicates double braid
See pg. A-21 for part numbering system
Cannot be used with 90 or 91N series fittings

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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
SBFW/SBFB - PAGE-flex® SBF
Extra Flexible Fluoropolymer Hose

Features
- Half the minimum bend radius of conventional smoothbore products
- Kink and vacuum resistant
- Easily cleaned
- PPIH full line of optional reinforcement types
- Cooler outside temperatures reduces operator burns
- Reduces environment temperatures in confined areas
- Available with white Silicone cover

Compliances
- FDA 21 CFR 177.1550
- USP Class VI Certified
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets
- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage
- Cosmetics

| Part Number | Nominal I.D. | Nominal O.D. | Maximum Working Pressure 73°F/23°C | Minimum Bend Radius | Vac. Rating Hg./73°F | Weight lbs./ft. | kg./mtr.
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Construction
Tube: SBFW - Natural PFA tube
SBFB - Black Static-dissipative PFA tube
Reinforcement: bonded wire braid - silicone - textile braided composite with 316 Stainless Steel braid

Operating Parameters
Temperature Range:
-65°F to +325°F (-54°C to +163°C)
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
All ratings based on 72°F/23°C

Fittings
PAGE Fittings - pg. E-91
Complete line of standard PPIH crimp fittings

Notes
Factory-made assemblies only
SBFB - Special order only
Available with white silicone cover
See pg. A-21 for part numbering system

For detailed ordering information, please consult price list or contact Parflex® Division.
SCW/SCB - Convoluted PTFE Hose
316 Stainless Steel Braid

Features
- High temperature hose
- Excellent corrosion resistance
- Seamless
- Open pitch
- Self draining
- Withstands extreme flexing
- Environmentally safe; low effusion
- Long life expectancy

Compliances
- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets
- Fluid Handling
- Chemical Transfer
- Paint
- Semiconductor

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Construction
Tube: SCW - Natural FDA Compliant PTFE
SCB - Black Static-Dissipative PTFE
Reinforcement: 316 Stainless Steel braid

Operating Parameters
Temperature Range:
-100°F to +500°F (-73°C to +260°C)
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
All ratings based on 72°F/23°C

Fittings
PAGE Fittings – pg. E-91
Uses crimp collar SC300, see pg. E-92
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
Not suggested for steam-cold water cycling applications
See pg. A-21 for part numbering system
Cannot be used with 90 or 91N series fittings
PCW/PCB - Convoluted PTFE Hose
Polypropylene Braid

Features
- Personal handling safety
- Excellent corrosion resistance
- Seamless
- Open pitch
- Self draining
- Withstands extreme flexing
- Environmentally safe; low effusion
- Long life expectancy

Compliances
- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Applications/MARKETS
- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage

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Construction
Tube: PCW - Natural FDA Compliant PTFE
PCB - Black Static-Dissipative PTFE
Reinforcement: Polypropylene

Operating Parameters
Temperature Range:
- 0°F to +212°F (-18°C to +100°C)
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
All ratings based on 72°F/23°C

Fittings
PAGE Fittings – pg. E-91
Uses crimp collar PC300, see pg. E-92
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
Not suggested for steam-cold water cycling applications
See pg. A-21 for part numbering system
Cannot be used with 90 or 91N series fittings
SCWV/SCBV
Stainless Steel Braid, Heavy Wall Convoluted PTFE Hose

Features
- High temperature hose
- Open pitch
- Thicker wall
- Handles vacuum applications at elevated temperatures
- Excellent chemical compatibility
- Easy Cleaning
- Non Adhesive

Compliances
- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets
- Fluid Handling
- Chemical Transfer
- Paint
- Semiconductor

### Features
- High temperature hose
- Open pitch
- Thicker wall
- Handles vacuum applications at elevated temperatures
- Excellent chemical compatibility
- Easy Cleaning
- Non Adhesive

### Compliances
- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

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### Construction
- Tube: SCWV - Heavy Wall Natural FDA Compliant PTFE
- SCBV - Heavy Wall Black Static-dissipative PTFE
- Reinforcement: 316 Stainless Steel braid

### Operating Parameters
Temperature Range:
- -100°F to +500°F (-73°C to +260°C)
Min. Burst Pressure is 4x Max. Working Pressure at 73°F(23°C)
All ratings based on 72°F/23°C

### Fittings
PAGE Fittings – pg. E-91

### Notes
Factory-made assemblies only
Not suggested for steam-cold water cycling applications
See pg. A-21 for part numbering system
Cannot be used with 90 or 91N series fittings
Vacuum wire recommended for 2-1/2, 3 and 4 inch
# PCWV/PCBV
Polypropylene Braid, Heavy Wall Convoluted PTFE Hose

## Features
- Personal handling safety
- Open pitch
- Thicker wall
- Handles vacuum applications at elevated temperatures
- Excellent chemical compatibility
- Easy Cleaning
- Non Adhesive

## Compliances
- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

## Applications/Markets
- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage

## Specifications

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## Construction
Tube: PCWV - Heavy Wall Natural FDA Compliant PTFE
PCBV - Heavy Wall Black Static-dissipative PTFE
Reinforcement: Polypropylene

## Operating Parameters
Temperature Range:
  0°F to +212°F (-18°C to +100°C)
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
All ratings based on 72°F/23°C

## Fittings
PAGE Fittings – pg. E-91

## Notes
Factory-made assemblies only
Not suggested for steam-cold water cycling applications
See pg. A-21 for part numbering system
Cannot be used with 90 or 91N series fittings
Vacuum wire recommended for 2-1/2, 3 and 4 inch
SCWV-FS/SCBV-FS - Flare-Seal®
Stainless Steel Braid

Features
- Flare Seal fitting - Continuous PTFE through fitting; no area for bacterial entrapment
- Increased flow
- Thicker wall
- Excellent chemical compatibility
- Easy Cleaning
- Non Adhesive

Compliances
- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Applications/Markets
- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage

Features
- Flare Seal fitting - Continuous PTFE through fitting; no area for bacterial entrapment
- Increased flow
- Thicker wall
- Excellent chemical compatibility
- Easy Cleaning
- Non Adhesive

Compliances
- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Construction
Tube: SCWV-FS - Heavy Wall Natural FDA Compliant PTFE
SCBV-FS - Heavy Wall Black Static-dissipative PTFE
Reinforcement: 316 Stainless Steel braid

Operating Parameters
Temperature Range:
-100°F to +500°F (-73°C to +260°C)
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
All ratings based on 73°F/23°C

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<th>Nominal O.D.</th>
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Notes
- Factory-made assemblies only
- Not suggested for steam-cold water cycling applications
- All dimensions nominal
- See pg. A-21 for part numbering system
- Cannot be used with 90 or 91N series fittings

For detailed ordering information, please consult price list or contact Parflex® Division.
PCWV-FS/PCBV-FS - Flare-Seal®
Polypropylene Braid

Applications/Marks

- Fluid Handling
- Chemical Transfer
- Paint
- Pharmaceutical
- Food & Beverage

Features
- Flare Seal fitting - Continuous PTFE through fitting; no area for bacterial entrapment
- Increased flow
- Personal handling safety
- Good chemical compatibility
- Easy Cleaning
- Non Adhesive

Compliances
- FDA 21 CFR 177.1550
- USP Class VI
- ISO 10993 Sections 5, 6, 10, 11

Construction
Tube: PCWV-FS - Heavy Wall Natural FDA Compliant PTFE
PCBV-FS - Heavy Wall Black Static-dissipative PTFE
Reinforcement: Polypropylene

Operating Parameters
Temperature Range:
0°F to +212°F (-18°C to +100°C)
Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)
All ratings based on 73°F/23°C

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

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

A-87
RCTW/RCTB EPDM Rubber Covered Fluoropolymer Hose

**Features**
- Personal handling safety
- Handles full vacuum
- Good chemical compatibility
- Easy Cleaning
- Non Adhesive

**Compliances**
- FDA 21 CFR 177.1550 (FEP core)
- USP Class VI Certified
- ISO 10993 Sections 5, 6, 10, 11

**Applications/Markets**
- Food & Beverage
- Pharmaceutical
- Fluid Handling
- Chemical
- Ground Support
- Industrial
- Paint
- Semiconductor

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**Construction**
- Tube: RCTW - Natural FEP tube
- RCTB - Static-dissipative PFA tube
- Reinforcement: Double wire helix - multi layered rubber
- Cover: Textile reinforced EPDM

**Operating Parameters**
- Temperature Range: -40°F to +300°F (-40°C to +149°C) Decrease working pressure one percent for every 2°F above 212°F
- Operating pressures shown are for non-impulse service
- All ratings based on 73°F/23°C

**Notes**
- RCTB - Special order only
- See pg. A-21 for part numbering system
- Cannot be used with 90 or 91N series fittings

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