Hose
Thermoplastic
Fluoropolymer
# Table of Contents

## Introduction

| A-4:A-6 | Visual Index |
| A-7 | Understanding Parflex Hose |
| A-8 | How to Read the Hose Section |
| A-10 | Thermoplastic Hose Selection - Construction/Specifications, psi |
| A-14 | Thermoplastic Hose Selection - Construction/Specifications, MPa |
| A-12 | Fluoropolymer Hose Selection - Construction/Specifications, psi |
| A-16 | Fluoropolymer Hose Selection - Construction/Specifications, MPa |
| A-18 | Nomenclature - Parflex Thermoplastic Hose Assembly |
| A-19 | Nomenclature - Parflex PTFE Hose Assembly |
| A-20 | Nomenclature - PAGE Industrial S30 & S40 Hose Assembly |
| A-21 | Nomenclature - “True-Bore” & Convoluted Hose Assembly |

## Parflex Thermoplastic Hose

| A-38 | 510A Refrigerant |
| A-39 | 510C General Hydraulic |
| A-40 | 518C General Hydraulic |
| A-41 | 518D General Hydraulic |
| A-42 | 515H Compact |
| A-43 | 520N General Hydraulic |
| A-44 | 526BA Breathing Air Refill, 6000 psi |
| A-45 | 527BA Breathing Air Refill, 7000 psi |
| A-43 | 528N General Hydraulic, Non-Conductive |
| A-46 | 53DM/538DM DuraMax™ Low Temperature/Non-Conductive |
| A-47 | 540N General Hydraulic |
| A-48 | 540P Specialty Water |
| A-49 | 55LT Low Temperature |
| A-34 | 560/560R General Hydraulic |
| A-35 | 563 General Hydraulic |
| A-50 | 56DH/568DH Diagnostic/Non-Conductive |
| A-51 | 569 High Pressure Hydraulic Hose |
| A-52 | 573X Fast Response, 3000 psi |
| A-53 | 575X Fast Response, 5000 psi |
| A-54 | 580N/H580N High Pressure |
| A-54 | 588N High Pressure, Non-Conductive |
| A-36 | 590 General Hydraulic |
| A-37 | 593 General Hydraulic |
| A-55 | 83FR General Purpose |
| A-56 | 1035A Power Cleaning |
| A-57 | 1035HT Power Cleaning, Non-Conductive |
| A-58 | B9 General Purpose, Transfer Hose |
| A-59 | CNG Compressed Natural Gas |
| A-22 | D6 Hybrid, Constant Pressure, 3000 psi |
| A-23 | D6R Hybrid Hose, Constant Pressure, 3000 psi |
### Parflex Thermoplastic Hose (cont.)

<table>
<thead>
<tr>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duraflex 548N</td>
<td>A-67</td>
</tr>
<tr>
<td>H6 Constant Pressure, 3000 psi</td>
<td>A-28</td>
</tr>
<tr>
<td>HFS Hybrid, Fire-Screen®</td>
<td>A-24</td>
</tr>
<tr>
<td>HFSR Hybrid, Fire-Screen®</td>
<td>A-25</td>
</tr>
<tr>
<td>HFS2 Hybrid, Fire-Screen II®</td>
<td>A-26</td>
</tr>
<tr>
<td>HFS2R Hybrid, Fire-Screen II®</td>
<td>A-27</td>
</tr>
<tr>
<td>HJK Hybrid Highjack® Jackline</td>
<td>A-33</td>
</tr>
<tr>
<td>HLB Lubrication Line</td>
<td>A-60</td>
</tr>
<tr>
<td>HTB Hybrid Eliminator®, Compact</td>
<td>A-30</td>
</tr>
<tr>
<td>HTBR Hybrid Eliminator®, Compact</td>
<td>A-31</td>
</tr>
<tr>
<td>M8 High Pressure, Hydraulic</td>
<td>A-32</td>
</tr>
<tr>
<td>MSH Marine Steering</td>
<td>A-61</td>
</tr>
<tr>
<td>PTH Marine Power Tilt</td>
<td>A-62</td>
</tr>
<tr>
<td>R6 Hybrid Constant Pressure, Hydraulic Abrasion King®</td>
<td>A-29</td>
</tr>
<tr>
<td>S5N Predator® Water Jetting, 4000 psi</td>
<td>A-63</td>
</tr>
<tr>
<td>S6 Predator® Water Jetting, 2500 psi</td>
<td>A-64</td>
</tr>
<tr>
<td>S9 Predator® Water Jetting, 3000 psi</td>
<td>A-65</td>
</tr>
<tr>
<td>SLH Sewer Leader</td>
<td>A-66</td>
</tr>
</tbody>
</table>

### Parflex Fluoropolymer Hose

<table>
<thead>
<tr>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>919/919B PTFE Hose, Natural &amp; Static Dissipative Core Tube</td>
<td>A-68</td>
</tr>
<tr>
<td>919J PTFE Hose, Silicone Cover</td>
<td>A-69</td>
</tr>
<tr>
<td>919U PTFE Hose, High Abrasion Resistance</td>
<td>A-70</td>
</tr>
<tr>
<td>929/929B Heavy Wall PTFE Hose, Natural &amp; Static Dissipative Core Tube</td>
<td>A-71</td>
</tr>
<tr>
<td>929BJ PTFE Hose, Static Dissipative Core Tube, Silicone Cover</td>
<td>A-72</td>
</tr>
<tr>
<td>939/939B Convoluted PTFE Hose, Natural &amp; Static Dissipative Core Tube</td>
<td>A-73</td>
</tr>
<tr>
<td>943B High Pressure PTFE Hose, Static Dissipative Core Tube, 3000 psi</td>
<td>A-74</td>
</tr>
<tr>
<td>944B High Pressure PTFE Hose, Static Dissipative Core Tube, up to 4500 psi</td>
<td>A-75</td>
</tr>
<tr>
<td>950B High Pressure PTFE Hose, Static Dissipative Core Tube, 4000 psi</td>
<td>A-76</td>
</tr>
<tr>
<td>955B High Pressure PTFE Hose, Static Dissipative Core Tube, 5500 psi</td>
<td>A-77</td>
</tr>
</tbody>
</table>

### PAGE Fluoropolymer Hose

<table>
<thead>
<tr>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>S30/S30B PTFE Hose, Nominal I.D., Natural &amp; Static Dissipative Core Tube</td>
<td>A-78</td>
</tr>
<tr>
<td>S40/S40B Heavy Wall PTFE Hose, Nominal I.D., Natural &amp; Static Dissipative Core Tube</td>
<td>A-79</td>
</tr>
<tr>
<td>STW/STB PTFE Hose, &quot;True-Bore&quot;, Natural &amp; Static Dissipative Core Tube</td>
<td>A-80</td>
</tr>
<tr>
<td>SBFW/SBFB PTFE Hose, PAGE-flex® SBF, Natural &amp; Static Dissipative Core Tube</td>
<td>A-81</td>
</tr>
<tr>
<td>SCW/SCB Convoluted PTFE Hose, SS Braid, Natural &amp; Static Dissipative Core Tube</td>
<td>A-82</td>
</tr>
<tr>
<td>PCW/PCB Convoluted PTFE Hose, PP Braid, Natural &amp; Static Dissipative Core Tube</td>
<td>A-83</td>
</tr>
<tr>
<td>SCWW/SCBV Heavy Wall Convoluted PTFE Hose, SS Braid, Natural &amp; Static Dissipative Core Tube</td>
<td>A-84</td>
</tr>
<tr>
<td>PCWW/PCBV Heavy Wall Convoluted PTFE Hose, PP Braid, Natural &amp; Static Dissipative Core Tube</td>
<td>A-85</td>
</tr>
<tr>
<td>SCWW-FS/SCBV-FS Flare-Seal® PTFE Hose, SS Braid, Natural &amp; Static Dissipative Core Tube</td>
<td>A-86</td>
</tr>
<tr>
<td>PCWW-FS/PCBV-FS Flare-Seal® PTFE Hose, PP Braid, Natural &amp; Static Dissipative Core Tube</td>
<td>A-87</td>
</tr>
<tr>
<td>RCTW/RCTB EPDM Rubber Covered Hose, Natural &amp; Static Dissipative Core Tube</td>
<td>A-88</td>
</tr>
</tbody>
</table>
## Parflex Hose Visual Index

<table>
<thead>
<tr>
<th>Parflex Thermoplastic</th>
<th>510A Refrigerant</th>
<th>510C General Hydraulic</th>
<th>518C Non-Conductive Hydraulic</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A-38</td>
<td>A-39</td>
<td>A-40</td>
</tr>
<tr>
<td>518D</td>
<td>Non-Conductive Hydraulic</td>
<td></td>
<td></td>
</tr>
<tr>
<td>515H</td>
<td>Compact/Lightweight</td>
<td>A-41</td>
<td></td>
</tr>
<tr>
<td>520N</td>
<td>General Hydraulic</td>
<td>A-42</td>
<td>A-43</td>
</tr>
<tr>
<td>528N</td>
<td>Non-Conductive Hydraulic</td>
<td>A-43</td>
<td></td>
</tr>
<tr>
<td>526BA</td>
<td>Breathing Air Refill 6000 psi</td>
<td>A-44</td>
<td></td>
</tr>
<tr>
<td>527BA</td>
<td>Breathing Air Refill 7000 psi</td>
<td>A-45</td>
<td></td>
</tr>
<tr>
<td>53DM</td>
<td>DuraMax™ Low Temperature, 3000 psi</td>
<td>A-46</td>
<td></td>
</tr>
<tr>
<td>538DM</td>
<td>DuraMax™ Low Temperature, Non-Conductive 3000 psi</td>
<td>A-46</td>
<td></td>
</tr>
<tr>
<td>540N</td>
<td>General Hydraulic</td>
<td>A-47</td>
<td>A-48</td>
</tr>
<tr>
<td>540P</td>
<td>Specialty Water</td>
<td>A-49</td>
<td></td>
</tr>
<tr>
<td>55LT</td>
<td>Low Temperature</td>
<td>A-49</td>
<td></td>
</tr>
<tr>
<td>560</td>
<td>General Hydraulic</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transportation</th>
<th>563 General Hydraulic</th>
<th>56DH Diagnostic Hose</th>
<th>568DH Non-Conductive Diagnostic Hose</th>
<th>569 High Pressure Hydraulic Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A-35</td>
<td>A-48</td>
<td>A-49</td>
<td>A-34</td>
</tr>
<tr>
<td></td>
<td>573X Fast Response 3000 psi</td>
<td>575X Fast Response 5000 psi</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>A-52</td>
<td>A-50</td>
<td>A-50</td>
<td>A-51</td>
</tr>
<tr>
<td></td>
<td>580N H580N High Pressure</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>588N Non-Conductive High Pressure</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>590 General Hydraulic Hose</th>
<th>593 General Hydraulic Hose</th>
<th>83FR General Purpose</th>
<th>1035A Power Cleaning</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A-36</td>
<td>A-37</td>
<td>A-36</td>
</tr>
<tr>
<td></td>
<td>A-37</td>
<td>A-55</td>
<td>A-56</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>1035HT High Temperature Power Cleaning</th>
<th>B9 General Purpose</th>
<th>CNG Compressed Natural Gas</th>
<th>D6 Constant Pressure, 3000 psi</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A-36</td>
<td>A-37</td>
<td>A-55</td>
</tr>
<tr>
<td></td>
<td>A-37</td>
<td>A-55</td>
<td>A-22 HYBRID</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D6R Constant Pressure 3000 psi</th>
<th>Duraflex</th>
<th>548N Tool Hose</th>
<th>H6 Constant Pressure Hydraulic</th>
<th>HFS Fire-Screen®</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A-23</td>
<td>A-67</td>
<td>A-28</td>
<td>A-24 HYBRID</td>
</tr>
</tbody>
</table>

For detailed ordering information, please consult price list or contact Parflex® Division.
## Parflex Hose Visual Index (cont.)

### Parflex Thermoplastic (cont.)

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFSR</td>
<td>Fire-Screen III®</td>
</tr>
<tr>
<td>HFS2</td>
<td>Fire-Screen ®</td>
</tr>
<tr>
<td>HFS2R</td>
<td>Fire-Screen III®</td>
</tr>
<tr>
<td>HJK</td>
<td>Highjack® Jackline</td>
</tr>
<tr>
<td>HLB</td>
<td>Lubrication Line</td>
</tr>
<tr>
<td>HTB</td>
<td>Eliminator® Compact</td>
</tr>
<tr>
<td>HTBR</td>
<td>Eliminator® Compact</td>
</tr>
<tr>
<td>M8</td>
<td>High Pressure Hydraulic</td>
</tr>
<tr>
<td>MSH</td>
<td>Marine Steering</td>
</tr>
<tr>
<td>PTH</td>
<td>Marine Power Tilt</td>
</tr>
<tr>
<td>R6</td>
<td>Constant Pressure Hydraulic</td>
</tr>
<tr>
<td>S5N</td>
<td>Predator® Water Jetting 4000 psi</td>
</tr>
<tr>
<td>S6</td>
<td>Predator® Water Jetting 2500 psi</td>
</tr>
<tr>
<td>S9</td>
<td>Predator® Water Jetting 3000 psi</td>
</tr>
<tr>
<td>SLH</td>
<td>Predator® Sewer Leader</td>
</tr>
</tbody>
</table>

### Parflex PTFE

<table>
<thead>
<tr>
<th>Code</th>
<th>Product Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>919</td>
<td>PTFE Hose</td>
</tr>
<tr>
<td>919B</td>
<td>PTFE Hose with Static-Dissipative Tube</td>
</tr>
<tr>
<td>919J</td>
<td>Silicone Covered PTFE Hose</td>
</tr>
<tr>
<td>919U</td>
<td>High Abrasion Resistance PTFE Hose</td>
</tr>
<tr>
<td>929</td>
<td>Heavy Wall PTFE Hose</td>
</tr>
<tr>
<td>929B</td>
<td>Heavy Wall PTFE Hose with Static-Dissipative Tube</td>
</tr>
<tr>
<td>929BJ</td>
<td>Silicone Covered PTFE Hose with Static-Dissipative Tube</td>
</tr>
<tr>
<td>939</td>
<td>Convoluted PTFE Hose</td>
</tr>
<tr>
<td>939B</td>
<td>Convoluted PTFE Hose with Static-Dissipative Tube</td>
</tr>
<tr>
<td>943B</td>
<td>High Pressure PTFE Hose with Static-Dissipative Tube</td>
</tr>
<tr>
<td>944B</td>
<td>High Pressure PTFE Hose with Static-Dissipative Tube</td>
</tr>
<tr>
<td>950B</td>
<td>High Pressure PTFE Hose with Static-Dissipative Tube</td>
</tr>
<tr>
<td>955B</td>
<td>High Pressure PTFE Hose with Static-Dissipative Tube</td>
</tr>
</tbody>
</table>

For detailed ordering information, please consult price list or contact Parflex® Division.
Parflex Hose Visual Index (cont.)

<table>
<thead>
<tr>
<th>PAGE Product Line</th>
<th>PTFE &amp; Specialty</th>
<th>S30</th>
<th>S30B</th>
<th>S40</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>S30B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>S40B</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>S40</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
How to Read the Hose Section

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

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

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

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

**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.

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

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

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

<table>
<thead>
<tr>
<th>PSI Thermoplastic Hose Working Pressures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dash Size</td>
</tr>
<tr>
<td>----------</td>
</tr>
<tr>
<td>Hose</td>
</tr>
</tbody>
</table>

### Wire

- **D6/D6R** Hybrid - Constant Pressure Hydraulic
- **D6R** Hybrid - Constant Pressure Hydraulic
- **H6** Constant Pressure Hydraulic
- **HFS** Hybrid - General Hydraulic
- **HFSR** Hybrid - General Hydraulic
- **HFSZ** Hybrid - General Hydraulic
- **HFSZR** Hybrid - General Hydraulic
- **R6** Constant Pressure Hydraulic
- **HTB** Hybrid - Compact High Pressure
- **HTBR** Hybrid - Compact High Pressure
- **HJK** Hybrid - Jackline
- **560/560R** General Hydraulic
- **563** Constant Pressure Hydraulic
- **590** General Hydraulic
- **593** General Hydraulic

### Fiber

- **510A** Industrial Refrigerant
- **510C** General Hydraulic
- **518C** Non-conductive Hydraulic
- **518D** Non-conductive Hydraulic
- **519H** Compact/Lightweight Hydraulic
- **520N / 528N** General Hydraulic / Non-conductive Hydraulic
- **526BA** Breathing Air Refill
- **527BA** Breathing Air Refill
- **530M / 538M** Low Temperature Hydraulic
- **540N** General Hydraulic
- **540P** Specialty Water
- **555T** Low Temperature Hydraulic
- **560N / 568D** Diagnostic
- **569** High Pressure
- **573X** Fast Response Hydraulic
- **575X** Fast Response Hydraulic
- **580N / 588N** General Hydraulic / Non-conductive Hydraulic
- **590N** General Hydraulic
- **599N** General Hydraulic
- **600N** General Hydraulic
- **1035A** Power Cleaning
- **1035HT** Power Cleaning
- **839R** General Purpose Air/Water
- **58NG** Compressed Natural Gas
- **HLB** Lubrication
- **MSH** Marine Steering
- **P7H** Power Tilt
- **SSN** Sewer Cleaning - Lateral Cleaning
- **S6** Sewer Cleaning
- **S9** Sewer Cleaning
- **SLH** Sewer Cleaning Leader Hose
- **Duraflex** Aerial Lift - Hydraulic Tool

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

**Legend**

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

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 Thermoplastic Construction and Specifications

<table>
<thead>
<tr>
<th>Core Tube</th>
<th>Reinforcement Material</th>
<th>Cover Material</th>
<th>SAE Specification</th>
<th>Additional Specifications</th>
<th>Page #</th>
<th>Description</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R17</td>
<td>MSHA IC-40/32</td>
<td>A-22</td>
<td>Hybrid - Constant Pressure Hydraulic</td>
<td>D6</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R17</td>
<td>MSHA/ISO 11237</td>
<td>A-23</td>
<td>Hybrid - Constant Pressure Hydraulic</td>
<td>D6R</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>P</td>
<td>100R17</td>
<td></td>
<td>A-28</td>
<td>Constant Pressure Hydraulic</td>
<td>H6</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R1/1942</td>
<td>MSHA IC-40/32</td>
<td>A-24</td>
<td>Hybrid - General Hydraulic</td>
<td>HFS</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R1</td>
<td>MSHA IC-40/32</td>
<td>A-25</td>
<td>Hybrid - General Hydraulic</td>
<td>HFSR</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R2 / 100R16 / 1942</td>
<td>MSHA IC-40/32</td>
<td>A-26</td>
<td>Hybrid - General Hydraulic</td>
<td>HFS2</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R16</td>
<td>MSHA IC-40/32</td>
<td>A-27</td>
<td>Hybrid - General Hydraulic</td>
<td>HFS2R</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>F</td>
<td>100R17</td>
<td>MSHA IC-40/32</td>
<td>A-29</td>
<td>Constant Pressure Hydraulic</td>
<td>R6</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R12</td>
<td>MSHA IC-40/32</td>
<td>A-30</td>
<td>Hybrid - High Pressure Hydraulic</td>
<td>M8</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R2 / 1942</td>
<td>MSHA IC-40/32</td>
<td>A-31</td>
<td>Hybrid - Compact High Pressure</td>
<td>HTB</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>-</td>
<td>IJ-100/MSHA</td>
<td>A-32</td>
<td>Hybrid - Jackline</td>
<td>HJK</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R1</td>
<td>MSHA IC-40/32 / DNW</td>
<td>A-34</td>
<td>General Hydraulic</td>
<td>560R</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R17</td>
<td>MSHA IC-40/32 / DNW</td>
<td>A-35</td>
<td>Constant Pressure Hydraulic</td>
<td>563</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>U</td>
<td>100R1</td>
<td>MSHA IC-40/32 / DNW</td>
<td>A-36</td>
<td>General Hydraulic</td>
<td>590</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R2 / 100R16</td>
<td>DNV/ABS*</td>
<td>A-37</td>
<td>General Hydraulic</td>
<td>593</td>
</tr>
<tr>
<td>P / N</td>
<td>Wire</td>
<td>U</td>
<td>100R2 / 100R16</td>
<td>MSHA IC-40/32 / ABS</td>
<td>A-38</td>
<td>General Hydraulic</td>
<td>510A</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>U</td>
<td>100R7</td>
<td>MSHA IC-40/32 / DNW</td>
<td>A-39</td>
<td>General Hydraulic</td>
<td>510C</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>P</td>
<td>100R7</td>
<td>MSHA IC-40/32 / DNW</td>
<td>A-40</td>
<td>Non-conductive Hydraulic</td>
<td>518C</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>P</td>
<td>100R7</td>
<td>DNV</td>
<td>A-41</td>
<td>Non-conductive Hydraulic</td>
<td>518D</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>100R8</td>
<td>MSHA IC-40/32 / DNW*</td>
<td>A-42</td>
<td>Compact/Lightweight Hydraulic</td>
<td>515H</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>IJ-100</td>
<td>A-43</td>
<td>General Hydraulic / Non-conductive</td>
<td>520N</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>CGA / NFPA 1901</td>
<td>A-44</td>
<td>Breathing Air Refill</td>
<td>526BA</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>CGA / NFPA 1901</td>
<td>A-45</td>
<td>Breathing Air Refill</td>
<td>527BA</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>P</td>
<td>100R18</td>
<td></td>
<td>A-46</td>
<td>Low Temperature Hydraulic</td>
<td>530M</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>100R8</td>
<td>MSHA IC-40/32 / DNW</td>
<td>A-47</td>
<td>General Hydraulic</td>
<td>540N</td>
</tr>
<tr>
<td>PE</td>
<td>Fiber</td>
<td>U</td>
<td>100R7</td>
<td>FDA</td>
<td>A-48</td>
<td>Specialty Water</td>
<td>540P</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>P</td>
<td>100R7</td>
<td>DNV</td>
<td>A-49</td>
<td>Low Temperature Hydraulic</td>
<td>55LT</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32*</td>
<td>A-50</td>
<td>Diagnostic</td>
<td>560H / 560H</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>IJ-100</td>
<td>A-51</td>
<td>High Pressure</td>
<td>569</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNW*</td>
<td>A-52</td>
<td>Fast Response Hydraulic</td>
<td>573X</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>100R8</td>
<td>MSHA IC-40/32 / DNW*</td>
<td>A-54</td>
<td>General Hydraulic / Non-conductive</td>
<td>580N / 580N</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>100R8</td>
<td>DNV</td>
<td>A-55</td>
<td>General Hydraulic</td>
<td>585N</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td></td>
<td>A-56</td>
<td>Power Cleaning</td>
<td>1035A</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32</td>
<td>A-57</td>
<td>Power Cleaning</td>
<td>1035HT</td>
</tr>
<tr>
<td>U</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32</td>
<td>A-55</td>
<td>General Purpose Air/Water</td>
<td>83FR</td>
</tr>
<tr>
<td>U</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td></td>
<td>A-58</td>
<td>General Purpose Air/Water</td>
<td>85H</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>ANSI/ASME 174/2-CSA 12.52 / ECE R110*</td>
<td>A-59</td>
<td>Compressed Natural Gas</td>
<td>CNG</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32</td>
<td>A-60</td>
<td>Lubrication</td>
<td>HLB</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td></td>
<td>A-61</td>
<td>Marine Steering</td>
<td>MSH</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td></td>
<td>A-62</td>
<td>Power Lift</td>
<td>PTH</td>
</tr>
<tr>
<td>N</td>
<td>Fiber / SS Wire</td>
<td>U</td>
<td>-</td>
<td></td>
<td>A-63</td>
<td>Sewer Cleaning - Lateral Cleaning</td>
<td>SSN</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>Wastec WRP05-1996</td>
<td>A-64</td>
<td>Sewer Cleaning</td>
<td>S6</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>Wastec WRP05-1996</td>
<td>A-65</td>
<td>Sewer Cleaning</td>
<td>S9</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>-</td>
<td></td>
<td>A-66</td>
<td>Sewer Cleaning Leader Hose</td>
<td>SLH</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>100R7</td>
<td></td>
<td>A-67</td>
<td>Aerial Lift - Hydraulic Tool</td>
<td>Duraflex - 54IN</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Reinforcement Type</th>
<th>Fractional Size</th>
<th>Nominal Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/8</td>
<td>3/16</td>
</tr>
<tr>
<td>Dash Size</td>
<td>psi</td>
<td>psi</td>
</tr>
<tr>
<td>919</td>
<td>3000</td>
<td>3000</td>
</tr>
<tr>
<td>919B</td>
<td>3000</td>
<td>3000</td>
</tr>
<tr>
<td>919J</td>
<td>3000</td>
<td>3000</td>
</tr>
<tr>
<td>919U</td>
<td>3000</td>
<td>2500</td>
</tr>
<tr>
<td>929</td>
<td>3000</td>
<td>2500</td>
</tr>
<tr>
<td>929B</td>
<td>3000</td>
<td>2500</td>
</tr>
<tr>
<td>929BJ</td>
<td>3000</td>
<td>2500</td>
</tr>
<tr>
<td>939</td>
<td>1500</td>
<td>1350</td>
</tr>
<tr>
<td>939B</td>
<td>1500</td>
<td>1350</td>
</tr>
<tr>
<td>943B</td>
<td>3000</td>
<td>3000</td>
</tr>
<tr>
<td>944B</td>
<td>4500</td>
<td>4500</td>
</tr>
<tr>
<td>950B</td>
<td>4000</td>
<td>4000</td>
</tr>
<tr>
<td>955B</td>
<td>5500</td>
<td>5500</td>
</tr>
<tr>
<td>S30</td>
<td>3000</td>
<td>3000</td>
</tr>
<tr>
<td>S30B</td>
<td>3000</td>
<td>3000</td>
</tr>
<tr>
<td>S40</td>
<td>3000</td>
<td>3000</td>
</tr>
<tr>
<td>S40B</td>
<td>3000</td>
<td>3000</td>
</tr>
<tr>
<td>STW</td>
<td>3000</td>
<td>3000</td>
</tr>
<tr>
<td>Z-STW*</td>
<td>3000</td>
<td>3000</td>
</tr>
<tr>
<td>STB</td>
<td>3000</td>
<td>3000</td>
</tr>
<tr>
<td>Z-STB*</td>
<td>3000</td>
<td>3000</td>
</tr>
<tr>
<td>SCW</td>
<td>1500</td>
<td>1500</td>
</tr>
<tr>
<td>SCWV-FS</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td>SCBV</td>
<td>1500</td>
<td>1500</td>
</tr>
<tr>
<td>SCBV-FS</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td>SCWV-FS</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td>SCBV-FS</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td>PCW</td>
<td>350</td>
<td>350</td>
</tr>
<tr>
<td>PCB</td>
<td>350</td>
<td>350</td>
</tr>
<tr>
<td>PCWV</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>PCBV</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>PCWV-FS</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>PCBV-FS</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>RCTW</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td>RCTB</td>
<td>500</td>
<td></td>
</tr>
<tr>
<td>SBFW</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>SFBF</td>
<td>300</td>
<td>300</td>
</tr>
</tbody>
</table>

*Z indicates double braid.

**Legend**

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

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

<table>
<thead>
<tr>
<th>Pressure</th>
<th>Dash Size</th>
<th>Reinforcement Type</th>
<th>Page #</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4</td>
<td>1</td>
<td>1 1/4  1 1/2  2  2 1/2  3  4</td>
<td>4-64</td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>S</td>
<td>A-65</td>
</tr>
<tr>
<td>SS Wire</td>
<td>—</td>
<td>—</td>
<td>PTFE Hose</td>
</tr>
<tr>
<td>—</td>
<td>—</td>
<td>—</td>
<td>919</td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>S</td>
<td>A-66</td>
</tr>
<tr>
<td>Silicone Covered PTFE Hose</td>
<td>919J</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>U</td>
<td>A-67</td>
</tr>
<tr>
<td>High Abrasion Resistance PTFE Hose</td>
<td>919U</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-68</td>
</tr>
<tr>
<td>Heavy Wall PTFE Hose</td>
<td>929</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-69</td>
</tr>
<tr>
<td>Heavy Wall PTFE Hose with static-dissipative core</td>
<td>929B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>S</td>
<td>A-69</td>
</tr>
<tr>
<td>Silicone Covered PTFE Hose with static-dissipative core</td>
<td>929B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-70</td>
</tr>
<tr>
<td>Convoluted PTFE Hose</td>
<td>939</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-71</td>
</tr>
<tr>
<td>High Pressure PTFE Hose with static-dissipative core</td>
<td>943B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-72</td>
</tr>
<tr>
<td>High Pressure PTFE Hose with static-dissipative core</td>
<td>944B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-73</td>
</tr>
<tr>
<td>High Pressure PTFE Hose with static-dissipative core</td>
<td>950B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-75</td>
</tr>
<tr>
<td>PAGE Ind. PTFE Hose</td>
<td>953B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-76</td>
</tr>
<tr>
<td>PAGE Ind. Heavy Wall PTFE Hose</td>
<td>954B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-77</td>
</tr>
<tr>
<td>PAGE Heavy Wall PTFE Hose</td>
<td>Double Braid</td>
<td>STW</td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-78</td>
</tr>
<tr>
<td>PAGE Heavy Wall Convoluted PTFE Hose</td>
<td>Double Braid</td>
<td>S30</td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-79</td>
</tr>
<tr>
<td>PAGE Heavy Wall Convoluted PTFE Hose with static-dissipative core</td>
<td>Double Braid</td>
<td>S30B</td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-80</td>
</tr>
<tr>
<td>PAGE Flare-Seal® PTFE Hose</td>
<td>929B</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-81</td>
</tr>
<tr>
<td>PAGE Flare-Seal® PTFE Hose with static-dissipative core</td>
<td>Double Braid</td>
<td>S31B</td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-82</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-83</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM with static-dissipative core</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-84</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-85</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM with static-dissipative core</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-86</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-87</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM with static-dissipative core</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-88</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-89</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM with static-dissipative core</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-90</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-91</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM with static-dissipative core</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-92</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-93</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM with static-dissipative core</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-94</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-95</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM with static-dissipative core</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-96</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
<tr>
<td>PSI-S</td>
<td>Fluoropolymer</td>
<td>—</td>
<td>A-97</td>
</tr>
<tr>
<td>PAGE Rubber Covered EPDM with static-dissipative core</td>
<td>Double Braid</td>
<td>EPDM</td>
<td></td>
</tr>
</tbody>
</table>

**Key:***
- **PFA-S**: Perfluoroalkoxy, Static Dissipative
- **PP**: Polypropylene
- **S**: Silicone
- **U**: Polyurethane

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

<table>
<thead>
<tr>
<th>Dash Size</th>
<th>3/32</th>
<th>1/8</th>
<th>3/16</th>
<th>1/4</th>
<th>5/16</th>
<th>3/8</th>
<th>1/2</th>
<th>5/8</th>
<th>1/4</th>
<th>1/2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Reinforcement Type</th>
<th>Wire</th>
<th>Fiber</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Hose</strong></td>
<td><strong>Description</strong></td>
<td><strong>Dash Size</strong></td>
</tr>
<tr>
<td>D6/D6R Hybrid - Constant Pressure Hydraulic</td>
<td><strong>20.7</strong></td>
<td><strong>20.7</strong></td>
</tr>
<tr>
<td>D6R Hybrid - Constant Pressure Hydraulic</td>
<td><strong>20.7</strong></td>
<td><strong>20.7</strong></td>
</tr>
<tr>
<td>D6 Hybrid - Constant Pressure Hydraulic</td>
<td><strong>20.7</strong></td>
<td><strong>20.7</strong></td>
</tr>
<tr>
<td>HFS Hybrid - General Hydraulic</td>
<td><strong>34.5</strong></td>
<td><strong>27.6</strong></td>
</tr>
<tr>
<td>HFSR Hybrid - General Hydraulic</td>
<td><strong>34.5</strong></td>
<td><strong>27.6</strong></td>
</tr>
<tr>
<td>HFS2 Hybrid - General Hydraulic</td>
<td><strong>34.5</strong></td>
<td><strong>27.6</strong></td>
</tr>
<tr>
<td>HFS2R Hybrid - General Hydraulic</td>
<td><strong>34.5</strong></td>
<td><strong>27.6</strong></td>
</tr>
<tr>
<td>R6 Hybrid - Constant Pressure Hydraulic</td>
<td><strong>20.7</strong></td>
<td><strong>20.7</strong></td>
</tr>
<tr>
<td>M8 Hybrid - High Pressure Hydraulic</td>
<td><strong>27.6</strong></td>
<td><strong>27.6</strong></td>
</tr>
<tr>
<td>HTB Hybrid - Compact High Pressure</td>
<td><strong>48.3</strong></td>
<td><strong>37.9</strong></td>
</tr>
<tr>
<td>HTBR Hybrid - Compact High Pressure</td>
<td><strong>48.3</strong></td>
<td><strong>37.9</strong></td>
</tr>
<tr>
<td>HJK Hybrid - Jackline</td>
<td><strong>68.9</strong></td>
<td></td>
</tr>
</tbody>
</table>

### Fiber

<table>
<thead>
<tr>
<th><strong>Hose</strong></th>
<th><strong>Description</strong></th>
<th><strong>Dash Size</strong></th>
<th><strong>1/8</strong></th>
<th><strong>3/16</strong></th>
<th><strong>1/4</strong></th>
<th><strong>5/16</strong></th>
<th><strong>3/8</strong></th>
<th><strong>1/2</strong></th>
<th><strong>5/8</strong></th>
<th><strong>1/4</strong></th>
<th><strong>1/2</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>510A Industrial Refrigerant</td>
<td></td>
<td><strong>17.2</strong></td>
<td><strong>20.3</strong></td>
<td><strong>18.3</strong></td>
<td><strong>17.2</strong></td>
<td><strong>15.5</strong></td>
<td><strong>13.8</strong></td>
<td><strong>11.1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>510C General Hydraulic</td>
<td></td>
<td><strong>17.2</strong></td>
<td><strong>31.7</strong></td>
<td><strong>26.3</strong></td>
<td><strong>17.2</strong></td>
<td><strong>15.5</strong></td>
<td><strong>13.8</strong></td>
<td><strong>11.1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>518C Non-conductive Hydraulic</td>
<td></td>
<td><strong>17.2</strong></td>
<td><strong>31.7</strong></td>
<td><strong>26.3</strong></td>
<td><strong>17.2</strong></td>
<td><strong>15.5</strong></td>
<td><strong>13.8</strong></td>
<td><strong>11.1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>518D Non-conductive Hydraulic</td>
<td></td>
<td><strong>20.7</strong></td>
<td><strong>31.7</strong></td>
<td><strong>26.3</strong></td>
<td><strong>17.2</strong></td>
<td><strong>15.5</strong></td>
<td><strong>13.8</strong></td>
<td><strong>11.1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>515H Compact/Lightweight Hydraulic</td>
<td></td>
<td><strong>15.9</strong></td>
<td><strong>13.8</strong></td>
<td><strong>12.1</strong></td>
<td><strong>10.3</strong></td>
<td><strong>10.3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>526N/528N General Hydraulic</td>
<td></td>
<td><strong>34.5</strong></td>
<td><strong>34.5</strong></td>
<td><strong>31.0</strong></td>
<td><strong>27.6</strong></td>
<td><strong>24.1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>526BA Breathing Air Refill</td>
<td></td>
<td><strong>41.4</strong></td>
<td><strong>41.4</strong></td>
<td><strong>41.4</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>527BA Breathing Air Refill</td>
<td></td>
<td><strong>48.3</strong></td>
<td><strong>48.3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>530M / 538DN Low Temperature Hydraulic</td>
<td></td>
<td><strong>20.7</strong></td>
<td><strong>20.7</strong></td>
<td><strong>20.7</strong></td>
<td><strong>20.7</strong></td>
<td><strong>20.7</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>540N General Hydraulic</td>
<td></td>
<td><strong>20.7</strong></td>
<td><strong>20.7</strong></td>
<td><strong>19.0</strong></td>
<td><strong>17.2</strong></td>
<td><strong>15.5</strong></td>
<td><strong>13.8</strong></td>
<td><strong>11.1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>540P Specialty Water</td>
<td></td>
<td><strong>19.9</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>55LT Low Temperature Hydraulic</td>
<td></td>
<td><strong>20.7</strong></td>
<td><strong>31.7</strong></td>
<td><strong>26.7</strong></td>
<td><strong>17.2</strong></td>
<td><strong>15.5</strong></td>
<td><strong>13.8</strong></td>
<td><strong>11.1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H580N / H588NH Diagnostic</td>
<td></td>
<td><strong>41.4</strong></td>
<td><strong>41.4</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>559 High Pressure</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>573X Fast Response Hydraulic</td>
<td></td>
<td><strong>20.7</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>575X Fast Response Hydraulic</td>
<td></td>
<td><strong>34.5</strong></td>
<td><strong>34.5</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>580N / 588N General Hydraulic / Non-conductive Hydraulic</td>
<td></td>
<td><strong>34.5</strong></td>
<td><strong>27.6</strong></td>
<td><strong>24.1</strong></td>
<td><strong>19.3</strong></td>
<td><strong>15.5</strong></td>
<td><strong>13.8</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>H580N General Hydraulic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1035A Power Cleaning</td>
<td></td>
<td><strong>16.3</strong></td>
<td><strong>8.3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1035HT Power Cleaning</td>
<td></td>
<td><strong>15.8</strong></td>
<td><strong>12.1</strong></td>
<td><strong>10.3</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>83FR General Purpose Air/Water</td>
<td></td>
<td><strong>2.1</strong></td>
<td><strong>2.1</strong></td>
<td><strong>2.1</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B9 General Purpose Air/Water</td>
<td></td>
<td><strong>1.7</strong></td>
<td><strong>1.7</strong></td>
<td><strong>1.7</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5CNG Compressed Natural Gas</td>
<td></td>
<td><strong>34.5</strong></td>
<td><strong>34.5</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HLB Lubrication</td>
<td></td>
<td><strong>20.7</strong></td>
<td><strong>20.7</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MSH Marine Steering</td>
<td></td>
<td></td>
<td></td>
<td><strong>6.9</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PTH Power Tilt</td>
<td></td>
<td><strong>20.7</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5SN Sewer Cleaning - Lateral Cleaning</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S6 Sewer Cleaning</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S9 Sewer Cleaning</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SLH Sewer Cleaning Leader Hose</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Duraflex Aerial Lift - Hydraulic Tool</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

### MPa Thermoplastic Hose Working Pressures

<table>
<thead>
<tr>
<th>Core Tube</th>
<th>Reinforcement Material</th>
<th>Cover Material</th>
<th>SAE Specification</th>
<th>Additional Specifications</th>
<th>Page #</th>
<th>Description</th>
<th>Hose</th>
</tr>
</thead>
<tbody>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R17</td>
<td>MSHA IC-40/32</td>
<td>A-22</td>
<td>Hybrid - Constant Pressure Hydraulic</td>
<td>D6</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R17</td>
<td>MSHA ISO 11237</td>
<td>A-23</td>
<td>Hybrid - Constant Pressure Hydraulic</td>
<td>D6R</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>P</td>
<td>100R17</td>
<td>MSHA IC-40/32</td>
<td>A-28</td>
<td>Constant Pressure Hydraulic</td>
<td>H6</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R1/ J1942</td>
<td>MSHA IC-40/32</td>
<td>A-24</td>
<td>Hybrid - General Hydraulic</td>
<td>HFS</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R1</td>
<td>MSHA IC-40/32</td>
<td>A-25</td>
<td>Hybrid - General Hydraulic</td>
<td>HFSR</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R2 / 100R16 / J1942</td>
<td>MSHA IC-40/32</td>
<td>A-26</td>
<td>Hybrid - General Hydraulic</td>
<td>HFS2</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R16</td>
<td>MSHA IC-40/32</td>
<td>A-27</td>
<td>Hybrid - General Hydraulic</td>
<td>HFS2R</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>F</td>
<td>100R17</td>
<td>MSHA IC-40/32</td>
<td>A-29</td>
<td>Constant Pressure Hydraulic</td>
<td>R6</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R12</td>
<td>MSHA IC-40/32</td>
<td>A-32</td>
<td>Hybrid - High Pressure Hydraulic</td>
<td>M8</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>J1942</td>
<td>MSHA IC-40/32</td>
<td>A-30</td>
<td>Hybrid - Compact High Pressure</td>
<td>HTB</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>MSHA IC-40/32</td>
<td>MSHA IC-40/32</td>
<td>A-31</td>
<td>Hybrid - Compact High Pressure</td>
<td>HTBR</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>U</td>
<td>100R1</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-34</td>
<td>General Hydraulic</td>
<td>560/560R</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>U</td>
<td>100R17</td>
<td>MSHA IC-40/32</td>
<td>A-35</td>
<td>Constant Pressure Hydraulic</td>
<td>563</td>
</tr>
<tr>
<td>P / N</td>
<td>Wire</td>
<td>U</td>
<td>100R2</td>
<td>DNV/ABS*</td>
<td>A-36</td>
<td>General Hydraulic</td>
<td>590</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>U</td>
<td>100R7</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-37</td>
<td>General Hydraulic</td>
<td>593</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>P</td>
<td>100R18</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-38</td>
<td>Industrial Refrigerant</td>
<td>510A</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>P</td>
<td>100R7</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-39</td>
<td>General Hydraulic</td>
<td>510C</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>P</td>
<td>100R7</td>
<td>DNV</td>
<td>A-40</td>
<td>Non-conductive Hydraulic</td>
<td>518C</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>P</td>
<td>100R8</td>
<td>DNV</td>
<td>A-41</td>
<td>Non-conductive Hydraulic</td>
<td>518D</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-42</td>
<td>Compact/Lightweight Hydraulic</td>
<td>519H</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-43</td>
<td>General Hydraulic / Non-conductive</td>
<td>520N</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>CGA / NFPA 1901</td>
<td>A-44</td>
<td>Breathing Air Refill</td>
<td>526BA</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>CGA / NFPA 1901</td>
<td>A-45</td>
<td>Breathing Air Refill</td>
<td>527BA</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>P</td>
<td>100R18</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-46</td>
<td>Low Temperature Hydraulic</td>
<td>53DM / 538DM</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>100R8</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-47</td>
<td>General Hydraulic</td>
<td>540N</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>100R8</td>
<td>DNV</td>
<td>A-48</td>
<td>Specialty Water</td>
<td>540P</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-49</td>
<td>Low Temperature Hydraulic</td>
<td>55LT</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>LJ-100/MSHA</td>
<td>A-50</td>
<td>Diagnostic</td>
<td>56DH / 568DH</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-51</td>
<td>High Pressure</td>
<td>569</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-52</td>
<td>Fast Response Hydraulic</td>
<td>573X</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>100R8</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-54</td>
<td>General Hydraulic / Non-conductive</td>
<td>580N / 588N</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>100R8</td>
<td>DNV</td>
<td>A-55</td>
<td>General Purpose Air/Water</td>
<td>583FR</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-56</td>
<td>Power Cleaning</td>
<td>1035A</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-57</td>
<td>Power Cleaning</td>
<td>1035HT</td>
</tr>
<tr>
<td>U</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-55</td>
<td>General Purpose Air/Water</td>
<td>83FR</td>
</tr>
<tr>
<td>U</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-58</td>
<td>General Purpose Air/Water</td>
<td>89</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>ANSI IAS NGV4.2-CSA 12.52 / ECE R110*</td>
<td>A-59</td>
<td>Compressed Natural Gas</td>
<td>CNG</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-60</td>
<td>Lubrication</td>
<td>HLB</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-61</td>
<td>Marine Steering</td>
<td>MSH</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-62</td>
<td>Power Lift</td>
<td>PTH</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>Wastec WRP05-1996</td>
<td>A-63</td>
<td>Sewer Cleaning - Lateral Cleaning</td>
<td>55N</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>Wastec WRP05-1996</td>
<td>A-64</td>
<td>Sewer Cleaning</td>
<td>56</td>
</tr>
<tr>
<td>P</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>Wastec WRP05-1996</td>
<td>A-65</td>
<td>Sewer Cleaning</td>
<td>59</td>
</tr>
<tr>
<td>P</td>
<td>Wire</td>
<td>R</td>
<td>100R7</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-66</td>
<td>Sewer Cleaning Leader Hose</td>
<td>SLH</td>
</tr>
<tr>
<td>N</td>
<td>Fiber</td>
<td>U</td>
<td>-</td>
<td>MSHA IC-40/32 / DNV</td>
<td>A-67</td>
<td>Aerial Lift - Hydraulic Tool</td>
<td>Duraflex - 548N</td>
</tr>
</tbody>
</table>

*View Government & Agency Specifications for exceptions, pg. G-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.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
## Fluoropolymer Hose Selection

### MPa Fluoropolymer Hose Working Pressures

<table>
<thead>
<tr>
<th>Reinforcement Type</th>
<th>Fractional Size</th>
<th>1/8</th>
<th>3/16</th>
<th>1/4</th>
<th>5/16</th>
<th>13/32</th>
<th>7/32</th>
<th>1/2</th>
<th>5/8</th>
<th>7/8</th>
<th>1 1/8</th>
<th>1 1/4</th>
<th>3/8</th>
<th>1 1/2</th>
<th>5/8</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>MPa</td>
<td>MPa</td>
<td>MPa</td>
<td>MPa</td>
<td>MPa</td>
<td>MPa</td>
<td>MPa</td>
<td>MPa</td>
<td>MPa</td>
<td>MPa</td>
<td>MPa</td>
<td>MPa</td>
<td>MPa</td>
<td>MPa</td>
</tr>
<tr>
<td>A-16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Wire

- **919** PTFE Hose
  - 20.7
- **919B** PTFE Hose with static-dissipative core
  - 20.7
- **919J** Silicone Covered PTFE Hose
  - 20.7
- **919U** High Abrasion Resistance PTFE Hose
  - 20.7
- **929** Heavy Wall PTFE Hose
  - 20.7
- **929B** Heavy Wall PTFE Hose with static-dissipative core
  - 20.7
- **929BJ** Silicone Covered PTFE Hose with static-dissipative core
  - 20.7
- **939** Convoluted PTFE Hose
  - 10.3
- **939B** Convoluted PTFE Hose with static-dissipative core
  - 10.3
- **943B** High Pressure PTFE Hose with static-dissipative core
  - 20.7
- **944B** High Pressure PTFE Hose with static-dissipative core
  - 31.0
- **950B** High Pressure PTFE Hose with static-dissipative core
  - 27.5
  - 27.5
- **955B** High Pressure PTFE Hose with static-dissipative core
  - 27.5
  - 27.5
- **956B** High Pressure PTFE Hose with static-dissipative core
  - 27.5
  - 27.5
- **957B** High Pressure PTFE Hose with static-dissipative core
  - 27.5
  - 27.5
- **S30** PAGE Ind. PTFE Hose
  - 20.7
  - 20.7
  - 20.7
  - 20.7
  - 20.7
- **S30B** PAGE Ind. PTFE Hose with static-dissipative core
  - 20.7
  - 20.7
  - 20.7
  - 10.3
  - 10.3
- **S40** PAGE Ind. Heavy Wall PTFE Hose
  - 20.7
  - 20.7
  - 20.7
  - 20.7
  - 20.7
  - 20.7
- **S40B** PAGE Ind. Heavy Wall PTFE Hose with static-dissipative core
  - 20.7
  - 20.7
  - 20.7
  - 10.3
  - 10.3
  - 10.3
- **STW** PAGE Heavy Wall PTFE Hose
  - 20.7
  - 20.7
  - 20.7
  - 20.7
- **STB** PAGE Heavy Wall PTFE Hose with static-dissipative core
  - 20.7
  - 20.7
  - 20.7
  - 20.7
- **SCW** PAGE Convoluted PTFE Hose
  - 10.3
  - 10.3
  - 10.3
- **SCB** PAGE Convoluted PTFE Hose with static-dissipative core
  - 10.3
  - 10.3
  - 10.3
- **SCWV** PAGE Heavy Wall Convoluted PTFE Hose
  - 10.3
- **SCBV** PAGE Heavy Wall Convoluted PTFE Hose with static-dissipative core
  - 10.3
- **SDW-FS** PAGE Flare-Seal® PTFE Hose
  - 3.5
- **SCBV-FS** PAGE Flare-Seal® PTFE Hose with static-dissipative core
  - 3.5
- **PCW** PAGE Convoluted PTFE Hose, PP Braid
  - 2.4
  - 2.4
  - 2.1
- **PCB** PAGE Convoluted PTFE Hose, PP Braid
  - 2.4
  - 2.4
  - 2.1
- **PCWV** PAGE Heavy Wall Convoluted PTFE Hose, PP Braid
  - 2.1
- **PCBV** PAGE Heavy Wall Convoluted PTFE Hose with static-dissipative core, PP Braid
  - 2.1
- **PCWV-FS** PAGE Flare-Seal® PTFE Hose, PP Braid
  - 2.1
- **PCBV-FS** PAGE Flare-Seal® PTFE Hose with static-dissipative core, PP Braid
  - 2.1
- **RCTW** PAGE Rubber Covered EPDM
  - 3.5
- **RCTB** PAGE Rubber Covered EPDM with static-dissipative core
  - 3.5
- **SBFW** PAGE Page-Flex® SBF
  - 2.1
  - 2.1
- **SFB** PAGE Page-Flex® SBF with static-dissipative core
  - 2.1
  - 2.1

*Z indicates double braid.

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

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

**psi Fluoropolymer Construction and Specifications**

<table>
<thead>
<tr>
<th>Dash Size</th>
<th>3/4</th>
<th>1</th>
<th>1 1/4</th>
<th>1 1/2</th>
<th>2</th>
<th>2 1/2</th>
<th>3</th>
<th>4</th>
<th>Core Tube</th>
<th>Reinforcement Material</th>
<th>Cover Material</th>
<th>Page #</th>
</tr>
</thead>
<tbody>
<tr>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td>psi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-12</td>
<td>-16</td>
<td>-20</td>
<td>-24</td>
<td>-32</td>
<td>-40</td>
<td>-48</td>
<td>-64</td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-65</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-65</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>S</td>
<td>A-66</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>U</td>
<td>A-67</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-68</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>—</td>
<td>A-68</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>S</td>
<td>A-69</td>
</tr>
<tr>
<td>7.6</td>
<td>6.9</td>
<td>6.9</td>
<td>5.2</td>
<td>1.7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-70</td>
</tr>
<tr>
<td>7.6</td>
<td>6.9</td>
<td>6.9</td>
<td>5.2</td>
<td>1.7</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>—</td>
<td>A-71</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>—</td>
<td>A-72</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>—</td>
<td>A-73</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>—</td>
<td>A-74</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-75</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-76</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>—</td>
<td>A-77</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>—</td>
<td>A-78</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-79</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-80</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-81</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-82</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-83</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-84</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-85</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-86</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-87</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>S</td>
<td>A-88</td>
</tr>
<tr>
<td>6.9</td>
<td>6.9</td>
<td>6.9</td>
<td>6.2</td>
<td>6.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-89</td>
</tr>
<tr>
<td>6.9</td>
<td>6.9</td>
<td>6.9</td>
<td>6.2</td>
<td>6.2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-90</td>
</tr>
<tr>
<td>6.3</td>
<td>6.3</td>
<td>5.2</td>
<td>4.5</td>
<td>3.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-91</td>
</tr>
<tr>
<td>6.3</td>
<td>6.3</td>
<td>5.2</td>
<td>4.5</td>
<td>3.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>—</td>
<td>A-92</td>
</tr>
<tr>
<td>6.3</td>
<td>6.3</td>
<td>5.2</td>
<td>4.5</td>
<td>3.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>3.1</td>
<td>A-93</td>
</tr>
<tr>
<td>6.3</td>
<td>6.3</td>
<td>5.2</td>
<td>4.5</td>
<td>3.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>1.4</td>
<td>A-94</td>
</tr>
<tr>
<td>6.3</td>
<td>6.3</td>
<td>5.2</td>
<td>4.5</td>
<td>3.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>SS Wire</td>
<td>1.4</td>
<td>A-95</td>
</tr>
<tr>
<td>6.3</td>
<td>6.3</td>
<td>5.2</td>
<td>4.5</td>
<td>3.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>1.4</td>
<td>A-96</td>
</tr>
<tr>
<td>6.3</td>
<td>6.3</td>
<td>5.2</td>
<td>4.5</td>
<td>3.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE-S</td>
<td>SS Wire</td>
<td>1.4</td>
<td>A-97</td>
</tr>
<tr>
<td>3.5</td>
<td>3.1</td>
<td>2.6</td>
<td>2.6</td>
<td>2.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PTFE</td>
<td>PP</td>
<td>—</td>
<td>A-98</td>
</tr>
<tr>
<td>3.5</td>
<td>3.1</td>
<td>2.6</td>
<td>2.6</td>
<td>2.1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PFA-S</td>
<td>Double Wire Helix</td>
<td>EPDM</td>
<td>A-88</td>
</tr>
<tr>
<td>1.7</td>
<td>1.7</td>
<td>1.4</td>
<td>1.4</td>
<td>1.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PFA</td>
<td>Bonded Wire-Silicone-Fiber</td>
<td>—</td>
<td>A-78</td>
</tr>
<tr>
<td>1.7</td>
<td>1.7</td>
<td>1.4</td>
<td>1.4</td>
<td>1.4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PFA-S</td>
<td>Bonded Wire-Silicone-Fiber</td>
<td>—</td>
<td>A-78</td>
</tr>
</tbody>
</table>

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

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

Parflex Thermoplastic Hose Assembly Nomenclature

<table>
<thead>
<tr>
<th>Prefix</th>
<th>Hose</th>
<th>Fitting Configuration*</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>540N</td>
<td>01 – Male Pipe Thread (with hex) - NPTF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>02 – Female Pipe Thread - NPT</td>
</tr>
<tr>
<td></td>
<td></td>
<td>03 – Male SAE (JIC) 37° Flare</td>
</tr>
<tr>
<td></td>
<td></td>
<td>04 – Female SAE (JIC) 37° Swivel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>05 – Male Straight Thread w/ O-Ring</td>
</tr>
<tr>
<td></td>
<td></td>
<td>06 – Female SAE (JIC) 37° Swivel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>07 – Female Pipe Swivel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>13 – Male Pipe Swivel - NPTF</td>
</tr>
<tr>
<td></td>
<td></td>
<td>37 – Female SAE (JIC) 37° Swivel - 45° Elbow</td>
</tr>
<tr>
<td></td>
<td></td>
<td>39 – Female SAE (JIC) 37° Swivel - 90° Elbow</td>
</tr>
<tr>
<td></td>
<td></td>
<td>41 – Female SAE (JIC) 37° Swivel - 90° Long Elbow</td>
</tr>
<tr>
<td></td>
<td></td>
<td>JC – Female Seal-Lok™ (ORFS) Swivel Short</td>
</tr>
<tr>
<td></td>
<td></td>
<td>FU – Female JIC/BSP 30° Flare Swivel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>MU – Metric Female JIC/BSP 30° Flare Swivel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>JO – Male Seal-Lok™ (ORFS) Rigid Straight w/ O-Ring</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GU – Female JIC/BSP Parallel Pipe Swivel (60° Cone)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>JS – Female Seal-Lok™ (ORFS) Swivel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>J7 – Female Seal-Lok™ (ORFS) Swivel - 45° Elbow</td>
</tr>
<tr>
<td></td>
<td></td>
<td>J9 – Female Seal-Lok™ (ORFS) Swivel - 90° Elbow</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TU – Universal Tube Stub</td>
</tr>
<tr>
<td></td>
<td></td>
<td>AL – A-Lok® Compression</td>
</tr>
<tr>
<td></td>
<td></td>
<td>* See pg. E-4 for detailed list of available fitting configurations.</td>
</tr>
</tbody>
</table>

** Connection Size 1 **

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
<th>16</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>-2</td>
<td>1</td>
<td>1/8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-3</td>
<td>1</td>
<td>3/16</td>
<td>2</td>
<td>3/16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-4</td>
<td>1</td>
<td>1/4</td>
<td>2</td>
<td>1/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-5</td>
<td>1</td>
<td>5/16</td>
<td>2</td>
<td>5/16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-6</td>
<td>1</td>
<td>3/8</td>
<td>2</td>
<td>3/8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-8</td>
<td>1</td>
<td>1/2</td>
<td>2</td>
<td>1/2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-10</td>
<td>1</td>
<td>5/8</td>
<td>2</td>
<td>5/8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-12</td>
<td>1</td>
<td>3/4</td>
<td>2</td>
<td>3/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-16</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-20</td>
<td>1</td>
<td>1-1/4</td>
<td>2</td>
<td>1-1/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

** Connection Size 2 **

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
<th>16</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>-2</td>
<td>2</td>
<td>1/8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-3</td>
<td>2</td>
<td>3/16</td>
<td>3</td>
<td>3/16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-4</td>
<td>2</td>
<td>1/4</td>
<td>3</td>
<td>1/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-5</td>
<td>2</td>
<td>5/16</td>
<td>3</td>
<td>5/16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-6</td>
<td>2</td>
<td>3/8</td>
<td>3</td>
<td>3/8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-8</td>
<td>2</td>
<td>1/2</td>
<td>3</td>
<td>1/2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-10</td>
<td>2</td>
<td>5/8</td>
<td>3</td>
<td>5/8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-12</td>
<td>2</td>
<td>3/4</td>
<td>3</td>
<td>3/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-16</td>
<td>2</td>
<td>1</td>
<td>4</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-20</td>
<td>2</td>
<td>1-1/4</td>
<td>4</td>
<td>1-1/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

** Hose Size **

<table>
<thead>
<tr>
<th>Size</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>8</th>
<th>10</th>
<th>12</th>
<th>16</th>
<th>20</th>
</tr>
</thead>
<tbody>
<tr>
<td>-2</td>
<td>1</td>
<td>1/8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-3</td>
<td>1</td>
<td>3/16</td>
<td>2</td>
<td>3/16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-4</td>
<td>1</td>
<td>1/4</td>
<td>2</td>
<td>1/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-5</td>
<td>1</td>
<td>5/16</td>
<td>2</td>
<td>5/16</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-6</td>
<td>1</td>
<td>3/8</td>
<td>2</td>
<td>3/8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-8</td>
<td>1</td>
<td>1/2</td>
<td>2</td>
<td>1/2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-10</td>
<td>1</td>
<td>5/8</td>
<td>2</td>
<td>5/8</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-12</td>
<td>1</td>
<td>3/4</td>
<td>2</td>
<td>3/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-16</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>-20</td>
<td>1</td>
<td>1-1/4</td>
<td>4</td>
<td>1-1/4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

** Fitting Material **

- ** No Material Designation, Steel  
- C = Stainless Steel  
- B = Brass

### Overall Length

- Expressed in inches

### Displacement Angle

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

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

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

Parflex PTFE Hose Assembly Nomenclature

Prefix
P – Permanent Crimp (i.e. 91N series)
R – Field Attachable (i.e. 90 series)
Factory Crimp (i.e. 94 series)

Hose
Natural | Static Dissipative
---|---
919 | 919B
919J | 929BJ
919U | –
929 | 929B
939 | 939B
– | 943B
– | 944B
– | 950B
– | 955B

Fitting Configuration*
01 – Male Pipe Thread (with hex) - NPTF
02 – Female Pipe Thread - NPT
03 – Male SAE (JIC) 37° Flare
05 – Male Straight Thread w/ O-Ring
06 – Female SAE (JIC) 37° Swivel
07 – Female Pipe Swivel
37 – Female SAE (JIC) 37° Swivel - 45° Elbow
39 – Female SAE (JIC) 37° Swivel - 90° Elbow
41 – Female SAE (JIC) 37° Swivel - 90° Long Elbow
JC – Female Seal-Lok™ (ORFS) Swivel Short
FU – Female JIC/BSP 30° Flare Swivel
MU – Metric Female JIC/BSP 30° Flare Swivel
GU – Female JIC/BSP Parallel Pipe Swivel (60° Cone)
JS – Female Seal-Lok™ (ORFS) Swivel
J7 – Female Seal-Lok™ (ORFS) Swivel - 45° Elbow
J9 – Female Seal-Lok™ (ORFS) Swivel - 90° Elbow
TU – Universal Tube Stub
AL – A-Lok® Compression

Connection Size 1 | Connection Size 2 | Hose Size | Fitting Material | Overall Length
---|---|---|---|---
-2 | 1 | 1/8 | -2 | 1/8 | ** No Material Designation
-3 | 1 | 3/16 | -3 | 3/16 |
-4 | 1 | 1/4 | -4 | 1/4 |
-5 | 1 | 5/16 | -5 | 5/16 |
-6 | 1 | 3/8 | -6 | 3/8 |
-8 | 1 | 1/2 | -8 | 1/2 |
-10 | 1 | 5/8 | -10 | 5/8 |
-12 | 1 | 3/4 | -12 | 3/4 |
-16 | 1 | 1 | -16 | 1 |
-20 | 1 | 1-1/4 | -20 | 1-1/4 |
-24 | 1 | 1-1/2 | -24 | 1-1/2 |
-32 | 1 | 2 | -32 | 2 |

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

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

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

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

*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

Example: X08H10S68S0-0300
Size: 08 (13/32 I.D.)  Style: S40
Braid: SS Single Braid
Core: Heavy Wall Smoothbore Convoluted PTFE
End 1: 1/2" 316 SS Male NPT
End 2: 1/2" 316 SS Female 37° Seat JIC Swivel
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.

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

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

“True-Bore” & Convoluted Hose Assembly Nomenclature

**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.

For detailed ordering information, please consult price list or contact Parflex® Division.
### 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>
</tr>
</thead>
<tbody>
<tr>
<td>D604</td>
<td>1/4</td>
<td>6</td>
<td>3,000</td>
<td>20.7</td>
<td>2.00</td>
<td>.12</td>
<td>43**/HY***</td>
</tr>
<tr>
<td>D606</td>
<td>3/8</td>
<td>10</td>
<td>3,000</td>
<td>20.7</td>
<td>2.50</td>
<td>.19</td>
<td>58/43**/HY***</td>
</tr>
<tr>
<td>D608</td>
<td>1/2</td>
<td>13</td>
<td>3,000</td>
<td>20.7</td>
<td>3.50</td>
<td>.29</td>
<td>58/43**/HY***</td>
</tr>
<tr>
<td>D610*</td>
<td>5/8</td>
<td>16</td>
<td>3,000</td>
<td>20.7</td>
<td>4.00</td>
<td>.47</td>
<td>58/HY***</td>
</tr>
<tr>
<td>D612*</td>
<td>3/4</td>
<td>19</td>
<td>3,000</td>
<td>20.7</td>
<td>4.80</td>
<td>.73</td>
<td>43**/HY***</td>
</tr>
<tr>
<td>D616*</td>
<td>1</td>
<td>25</td>
<td>3,000</td>
<td>20.7</td>
<td>6.00</td>
<td>1.01</td>
<td>43**/HY***</td>
</tr>
</tbody>
</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)

#### Colors
- Black

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

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

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

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

---

**D6R – Hybrid Hose**

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

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

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

---

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

**Operating Parameters**
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

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

---

**Part Number**
- Nominal I.D.
- Maximum O.D.
- Maximum Working Pressure
- Minimum Bend Radius
- 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>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>D6R04</td>
<td>1/4</td>
<td>.46</td>
<td>12</td>
<td>3,000</td>
<td>21.0</td>
<td>1.5</td>
</tr>
<tr>
<td>D6R05</td>
<td>5/16</td>
<td>.55</td>
<td>14</td>
<td>3,000</td>
<td>21.0</td>
<td>2.25</td>
</tr>
<tr>
<td>D6R06</td>
<td>3/8</td>
<td>.61</td>
<td>16</td>
<td>3,000</td>
<td>21.0</td>
<td>2</td>
</tr>
<tr>
<td>D6R08</td>
<td>1/2</td>
<td>.76</td>
<td>19</td>
<td>3,000</td>
<td>21.0</td>
<td>3</td>
</tr>
<tr>
<td>D6R10</td>
<td>5/8</td>
<td>.86</td>
<td>24</td>
<td>3,000</td>
<td>21.0</td>
<td>3.5</td>
</tr>
</tbody>
</table>

---

**For detailed ordering information, please consult price list or contact Parflex® Division.**
HFS – Fire-Screen® Hybrid Hose

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

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

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

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

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

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

### Colors
- Black

<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./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFS04</td>
<td>1/4</td>
<td>.51</td>
<td>6</td>
<td>3,000</td>
<td>20.7</td>
<td>51</td>
<td>28</td>
<td>.12</td>
</tr>
<tr>
<td>HFS05</td>
<td>5/16</td>
<td>.59</td>
<td>8</td>
<td>3,000</td>
<td>20.7</td>
<td>57</td>
<td>28</td>
<td>.17</td>
</tr>
<tr>
<td>HFS06</td>
<td>3/8</td>
<td>.67</td>
<td>10</td>
<td>2,500</td>
<td>17.2</td>
<td>64</td>
<td>28</td>
<td>.19</td>
</tr>
<tr>
<td>HFS08</td>
<td>1/2</td>
<td>.79</td>
<td>13</td>
<td>2,500</td>
<td>17.2</td>
<td>89</td>
<td>28</td>
<td>.25</td>
</tr>
<tr>
<td>HFS12</td>
<td>3/4</td>
<td>1.07</td>
<td>19</td>
<td>1,500</td>
<td>10.3</td>
<td>127</td>
<td>28</td>
<td>.37</td>
</tr>
<tr>
<td>HFS16</td>
<td>1</td>
<td>1.37</td>
<td>25</td>
<td>1,250</td>
<td>8.6</td>
<td>254</td>
<td>28</td>
<td>.53</td>
</tr>
</tbody>
</table>
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)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Burst Pressure</th>
<th>Minimum Bend Radius</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFSR04</td>
<td>1/4</td>
<td>.66</td>
<td>13</td>
<td>1,200</td>
<td>1-1/2</td>
<td>0.08</td>
<td>0.12</td>
</tr>
<tr>
<td>HFSR05</td>
<td>5/16</td>
<td>.46</td>
<td>12</td>
<td>1,200</td>
<td>1-1/2</td>
<td>0.10</td>
<td>0.14</td>
</tr>
<tr>
<td>HFSR06</td>
<td>3/8</td>
<td>.52</td>
<td>16</td>
<td>1,200</td>
<td>1-1/2</td>
<td>0.12</td>
<td>0.18</td>
</tr>
<tr>
<td>HFSR08</td>
<td>1/2</td>
<td>.61</td>
<td>12</td>
<td>1,200</td>
<td>1-1/2</td>
<td>0.17</td>
<td>0.25</td>
</tr>
<tr>
<td>HFSR12</td>
<td>3/4</td>
<td>.74</td>
<td>19</td>
<td>1,200</td>
<td>1-1/2</td>
<td>0.17</td>
<td>0.25</td>
</tr>
<tr>
<td>HFSR16</td>
<td>1</td>
<td>1.02</td>
<td>26</td>
<td>1,200</td>
<td>1-1/2</td>
<td>0.31</td>
<td>0.46</td>
</tr>
</tbody>
</table>

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
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>HFS204*</td>
<td>1/4</td>
<td>.57</td>
<td>5,000</td>
<td>2.00</td>
<td>.21</td>
<td>.31</td>
<td>43**/HY***</td>
<td>BA</td>
</tr>
<tr>
<td>HFS206</td>
<td>3/8</td>
<td>.68</td>
<td>4,000</td>
<td>2.50</td>
<td>.23</td>
<td>.34</td>
<td>58/43**/HY***</td>
<td>BA</td>
</tr>
<tr>
<td>HFS208</td>
<td>1/2</td>
<td>.82</td>
<td>3,500</td>
<td>3.50</td>
<td>.29</td>
<td>.43</td>
<td>58/43**/HY***</td>
<td>BA</td>
</tr>
<tr>
<td>HFS210</td>
<td>5/8</td>
<td>.97</td>
<td>2,750</td>
<td>4.00</td>
<td>.38</td>
<td>.57</td>
<td>43**/HY***</td>
<td>–</td>
</tr>
<tr>
<td>HFS212</td>
<td>3/4</td>
<td>1.10</td>
<td>2,250</td>
<td>4.75</td>
<td>.45</td>
<td>.67</td>
<td>43**/HY***</td>
<td>BA</td>
</tr>
<tr>
<td>HFS216*</td>
<td>1</td>
<td>1.45</td>
<td>2,000</td>
<td>6.00</td>
<td>.80</td>
<td>1.19</td>
<td>43**/HY***</td>
<td>BA</td>
</tr>
</tbody>
</table>

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

### Colors
- Black

### Notes
*Two wire braid
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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>#</td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi MPa</td>
<td>inch mm</td>
<td>lbs./ft. kg./mtr.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HFS2R04</td>
<td>1/4</td>
<td>.54 14</td>
<td>5,000 34.5</td>
<td>2.00 51</td>
<td>.21 .31</td>
<td>55/56</td>
<td></td>
</tr>
<tr>
<td>HFS2R06</td>
<td>3/8</td>
<td>.64 16</td>
<td>4,000 27.6</td>
<td>2.50 64</td>
<td>.23 .34</td>
<td>55/56/HY*</td>
<td></td>
</tr>
<tr>
<td>HFS2R08</td>
<td>1/2</td>
<td>.76 19</td>
<td>3,500 24.1</td>
<td>3.50 89</td>
<td>.29 .43</td>
<td>55/56/HY*</td>
<td></td>
</tr>
<tr>
<td>HFS2R10</td>
<td>5/8</td>
<td>.93 24</td>
<td>2,750 19.0</td>
<td>4.00 102</td>
<td>.38 .57</td>
<td>55/56/HY*</td>
<td></td>
</tr>
<tr>
<td>HFS2R12</td>
<td>3/4</td>
<td>1.07 27</td>
<td>2,250 15.5</td>
<td>4.75 121</td>
<td>.45 .67</td>
<td>56/HY*</td>
<td></td>
</tr>
<tr>
<td>HFS2R16</td>
<td>1</td>
<td>1.40 35</td>
<td>2,000 13.8</td>
<td>6.00 152</td>
<td>.80 1.19</td>
<td>56/HY*</td>
<td></td>
</tr>
</tbody>
</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
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

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi MPa</td>
<td>inch mm</td>
<td>pounds ft. kg/mtr.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H604</td>
<td>1/4 .49 6</td>
<td>12</td>
<td>3,000 20.7</td>
<td>2.00 51</td>
<td>.12 .18</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td>H605</td>
<td>5/16 .56 8</td>
<td>14</td>
<td>3,000 20.7</td>
<td>2.25 57</td>
<td>.14 .21</td>
<td>HY***</td>
<td></td>
</tr>
<tr>
<td>H606</td>
<td>3/8 .65 10</td>
<td>17</td>
<td>3,000 20.7</td>
<td>2.50 64</td>
<td>.19 .28</td>
<td>56/43**</td>
<td></td>
</tr>
<tr>
<td>H608</td>
<td>1/2 .78 13</td>
<td>20</td>
<td>3,000 20.7</td>
<td>3.50 89</td>
<td>.29 .43</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td>H610*</td>
<td>5/8 1.00 16</td>
<td>25</td>
<td>3,000 20.7</td>
<td>4.00 102</td>
<td>.47 .70</td>
<td>HY***</td>
<td></td>
</tr>
<tr>
<td>H612*</td>
<td>3/4 1.17 19</td>
<td>30</td>
<td>3,000 20.7</td>
<td>4.75 121</td>
<td>.69 1.03</td>
<td>HY***</td>
<td></td>
</tr>
</tbody>
</table>

Fittings
- 56 Series – pg. E-36
- 43 Series – (**43 Fittings available from Parker Hose Products Division)
  HY Series – pg. E-107 (**HY Fittings available from Parker Hose Products Division)
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

For detailed ordering information, please consult price list or contact Parflex® Division.
R6 – Abrasion King® Hose

Features
- Excellent abrasion resistance
- Blue plait provides hose identification

Certifications
- Exceeds SAE 100R17 Requirements

Applications/Markets
- Medium pressure hydraulic applications
- Agricultural Equipment

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

### Operating Parameters
Temperature Range:
- *(R604 thru R610)* -50°F to +250°F (-46°C to +121°C)
- *(R612 thru R616)* -50°F to +212°F (-45°C to +100°C)
- *(Limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)*

Change in length at Max. Working Pressure: +2% to -4%
Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

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

### Colors
- Black

### Notes
- *Two wire braid*

---

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

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

...
HTB – Eliminator® Hybrid Hose

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

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

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

### 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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>HTB04</td>
<td>1/4</td>
<td>.62</td>
<td>6</td>
<td>7,000</td>
<td>48.3</td>
<td>.023</td>
<td>HY**</td>
</tr>
<tr>
<td>HTB06</td>
<td>3/8</td>
<td>.76</td>
<td>19</td>
<td>5,500</td>
<td>37.9</td>
<td>.037</td>
<td>43***</td>
</tr>
<tr>
<td>HTB08</td>
<td>1/2</td>
<td>.90</td>
<td>23</td>
<td>5,000</td>
<td>34.5</td>
<td>.046</td>
<td>43***</td>
</tr>
<tr>
<td>HTB10</td>
<td>5/8</td>
<td>1.03</td>
<td>26</td>
<td>4,000</td>
<td>27.6</td>
<td>.052</td>
<td>43***</td>
</tr>
<tr>
<td>HTB12</td>
<td>3/4</td>
<td>1.20</td>
<td>30</td>
<td>4,000</td>
<td>27.6</td>
<td>.073</td>
<td>43***</td>
</tr>
<tr>
<td>HTB16</td>
<td>1</td>
<td>1.50</td>
<td>38</td>
<td>3,500</td>
<td>24.1</td>
<td>1.01</td>
<td>43***</td>
</tr>
</tbody>
</table>
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>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>MPa</td>
</tr>
<tr>
<td>HTBR4</td>
<td>1/4</td>
<td>.57</td>
<td>14</td>
<td>7,000</td>
<td>48.2</td>
<td>4</td>
</tr>
<tr>
<td>HTBR6</td>
<td>3/8</td>
<td>.72</td>
<td>18</td>
<td>5,500</td>
<td>37.9</td>
<td>6</td>
</tr>
<tr>
<td>HTBR8</td>
<td>1/2</td>
<td>.85</td>
<td>21</td>
<td>5,000</td>
<td>34.4</td>
<td>7</td>
</tr>
<tr>
<td>HTBR10</td>
<td>5/8</td>
<td>1.01</td>
<td>26</td>
<td>4,000</td>
<td>27.5</td>
<td>8</td>
</tr>
<tr>
<td>HTBR12</td>
<td>3/4</td>
<td>1.16</td>
<td>29</td>
<td>4,000</td>
<td>27.5</td>
<td>9-1/2</td>
</tr>
<tr>
<td>HTBR16</td>
<td>1</td>
<td>1.43</td>
<td>36</td>
<td>3,500</td>
<td>24.1</td>
<td>12</td>
</tr>
</tbody>
</table>

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

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

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

Colors
● Black

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>MPa</td>
<td>inch</td>
</tr>
<tr>
<td>M806</td>
<td>3/8</td>
<td>.76</td>
<td>10</td>
<td>19</td>
<td>4,000</td>
<td>27.6</td>
<td>2.50</td>
</tr>
<tr>
<td>M808</td>
<td>1/2</td>
<td>.90</td>
<td>13</td>
<td>23</td>
<td>4,000</td>
<td>27.6</td>
<td>3.50</td>
</tr>
<tr>
<td>M810</td>
<td>5/8</td>
<td>1.07</td>
<td>16</td>
<td>27</td>
<td>4,000</td>
<td>27.6</td>
<td>4.00</td>
</tr>
</tbody>
</table>
HJK – Highjack® Jackline Hybrid Hose

Features
- 10,000 psi Jack Hose

Certifications
- MSHA Accepted
- Meets I J-100 Requirements

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>HJK04</td>
<td>1/4</td>
<td>6</td>
<td>16</td>
<td>10,000</td>
<td>4.0</td>
<td>.27</td>
</tr>
</tbody>
</table>

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

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

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

Colors
- Black

Notes
Factory-made assemblies only

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>#</td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi MPa</td>
<td>inch mm</td>
<td>lbs./ft. kg./mtr.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>560-3</td>
<td>3/16 5</td>
<td>.44 11</td>
<td>3,500 24.1</td>
<td>0.75 19</td>
<td>.07 .11</td>
<td>55/56</td>
<td></td>
</tr>
<tr>
<td>560-4</td>
<td>1/4 6</td>
<td>.51 13</td>
<td>3,250 22.4</td>
<td>1.75 44</td>
<td>.10 .15</td>
<td>55/56</td>
<td></td>
</tr>
<tr>
<td>560-5</td>
<td>5/16 8</td>
<td>.58 15</td>
<td>3,000 20.7</td>
<td>2.00 51</td>
<td>.12 .19</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>560-6</td>
<td>3/8 10</td>
<td>.65 17</td>
<td>2,750 19.0</td>
<td>2.25 57</td>
<td>.15 .22</td>
<td>55/56</td>
<td></td>
</tr>
<tr>
<td>560-8</td>
<td>1/2 13</td>
<td>.81 21</td>
<td>2,500 17.2</td>
<td>3.25 83</td>
<td>.20 .30</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>560R-8</td>
<td>1/2 13</td>
<td>.75 19</td>
<td>2,500 17.2</td>
<td>3.00 76</td>
<td>.19 .29</td>
<td>55/56</td>
<td></td>
</tr>
<tr>
<td>560-10</td>
<td>5/8 16</td>
<td>.94 24</td>
<td>2,000 13.8</td>
<td>6.00 152</td>
<td>.30 .44</td>
<td>55/56</td>
<td></td>
</tr>
<tr>
<td>560-12</td>
<td>3/4 19</td>
<td>1.13 29</td>
<td>1,750 12.1</td>
<td>7.00 178</td>
<td>.41 .61</td>
<td>58</td>
<td></td>
</tr>
</tbody>
</table>

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

<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>
</tr>
</thead>
<tbody>
<tr>
<td>563-4</td>
<td>1/4</td>
<td>.49</td>
<td>12</td>
<td>3,000</td>
<td>20.7</td>
<td>.12</td>
<td>55/HY*</td>
</tr>
<tr>
<td>563-6</td>
<td>3/8</td>
<td>.65</td>
<td>17</td>
<td>3,000</td>
<td>20.7</td>
<td>.19</td>
<td>55/HY*</td>
</tr>
<tr>
<td>563-8</td>
<td>1/2</td>
<td>.78</td>
<td>20</td>
<td>3,000</td>
<td>20.7</td>
<td>.29</td>
<td>55/HY*</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>590-3</td>
<td>3/16</td>
<td>.44</td>
<td>11</td>
<td>5,000</td>
<td>34.5</td>
<td>.10</td>
<td>55</td>
</tr>
<tr>
<td>590-4*</td>
<td>1/4</td>
<td>.53</td>
<td>13</td>
<td>5,000</td>
<td>34.5</td>
<td>.14</td>
<td>55</td>
</tr>
<tr>
<td>590-6*</td>
<td>3/8</td>
<td>.65</td>
<td>17</td>
<td>4,000</td>
<td>27.6</td>
<td>.20</td>
<td>55/56</td>
</tr>
<tr>
<td>590-8*</td>
<td>1/2</td>
<td>.78</td>
<td>20</td>
<td>3,500</td>
<td>24.1</td>
<td>.26</td>
<td>55/56</td>
</tr>
<tr>
<td>590-10</td>
<td>5/8</td>
<td>.98</td>
<td>25</td>
<td>3,000</td>
<td>20.7</td>
<td>.39</td>
<td>56/58</td>
</tr>
<tr>
<td>590-12</td>
<td>3/4</td>
<td>1.11</td>
<td>28</td>
<td>2,500</td>
<td>17.2</td>
<td>.45</td>
<td>58</td>
</tr>
<tr>
<td>590-16</td>
<td>1</td>
<td>1.43</td>
<td>36</td>
<td>2,000</td>
<td>13.8</td>
<td>.59</td>
<td>58</td>
</tr>
</tbody>
</table>
593 – General Hydraulic Hose

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

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

**Applications/Markets**
- General Hydraulic Service

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

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

**Part Number**

<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>
</tr>
</thead>
<tbody>
<tr>
<td>593-12</td>
<td>3/4</td>
<td>20</td>
<td>3000</td>
<td>20.7</td>
<td>178</td>
<td>28</td>
<td>.47</td>
</tr>
<tr>
<td>593-16</td>
<td>1</td>
<td>25</td>
<td>3250</td>
<td>22.4</td>
<td>203</td>
<td>28</td>
<td>.69</td>
</tr>
</tbody>
</table>

**Notes**
- Non-perforated cover

**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
510A – Refrigerant Hose

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

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

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

**Construction**
- Tube: Proprietary nylon blend
- Reinforcement: Fiber
- Cover: Polyurethane

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

**Part Number**
<table>
<thead>
<tr>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>inch</td>
<td>mm</td>
<td>lbs./ft.</td>
<td>kg./mtr.</td>
<td></td>
</tr>
<tr>
<td>510A-2</td>
<td>1/8</td>
<td>3</td>
<td>.34</td>
<td>9</td>
<td>2,500</td>
<td>17.2</td>
<td>.03</td>
</tr>
<tr>
<td>510A-3</td>
<td>3/16</td>
<td>5</td>
<td>.43</td>
<td>11</td>
<td>3,000</td>
<td>20.7</td>
<td>.05</td>
</tr>
<tr>
<td>510A-4</td>
<td>1/4</td>
<td>6</td>
<td>.47</td>
<td>12</td>
<td>2,750</td>
<td>19.0</td>
<td>.05</td>
</tr>
<tr>
<td>510A-5</td>
<td>5/16</td>
<td>8</td>
<td>.57</td>
<td>14</td>
<td>2,500</td>
<td>17.2</td>
<td>.08</td>
</tr>
<tr>
<td>510A-6</td>
<td>3/8</td>
<td>10</td>
<td>.64</td>
<td>16</td>
<td>2,250</td>
<td>15.5</td>
<td>.08</td>
</tr>
<tr>
<td>510A-8</td>
<td>1/2</td>
<td>13</td>
<td>.81</td>
<td>21</td>
<td>2,000</td>
<td>13.8</td>
<td>.13</td>
</tr>
<tr>
<td>510A-12</td>
<td>3/4</td>
<td>19</td>
<td>1.10</td>
<td>28</td>
<td>1,250</td>
<td>8.6</td>
<td>.19</td>
</tr>
<tr>
<td>510A-16</td>
<td>1</td>
<td>25</td>
<td>1.40</td>
<td>36</td>
<td>1,000</td>
<td>6.9</td>
<td>.28</td>
</tr>
</tbody>
</table>

**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>Nominal O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>#</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>510C-2</td>
<td>1/8</td>
<td>.34</td>
<td>9</td>
<td>2,500</td>
<td>17.2</td>
<td>0.50</td>
<td>13</td>
<td>28</td>
</tr>
<tr>
<td>510C-3*</td>
<td>3/16</td>
<td>.43</td>
<td>11</td>
<td>3,250</td>
<td>22.4</td>
<td>0.75</td>
<td>19</td>
<td>28</td>
</tr>
<tr>
<td>510C-4*</td>
<td>1/4</td>
<td>.47</td>
<td>12</td>
<td>3,000</td>
<td>20.7</td>
<td>1.50</td>
<td>38</td>
<td>28</td>
</tr>
<tr>
<td>510C-5</td>
<td>5/16</td>
<td>.57</td>
<td>14</td>
<td>2,500</td>
<td>17.2</td>
<td>1.75</td>
<td>44</td>
<td>28</td>
</tr>
<tr>
<td>510C-6</td>
<td>3/8</td>
<td>.64</td>
<td>16</td>
<td>2,250</td>
<td>15.5</td>
<td>2.00</td>
<td>51</td>
<td>28</td>
</tr>
<tr>
<td>510C-8</td>
<td>1/2</td>
<td>.81</td>
<td>21</td>
<td>2,250</td>
<td>15.5</td>
<td>3.00</td>
<td>76</td>
<td>28</td>
</tr>
<tr>
<td>510C-12</td>
<td>3/4</td>
<td>1.09</td>
<td>28</td>
<td>1,250</td>
<td>8.6</td>
<td>5.00</td>
<td>127</td>
<td>28</td>
</tr>
<tr>
<td>510C-16</td>
<td>1</td>
<td>1.32</td>
<td>34</td>
<td>1,000</td>
<td>6.9</td>
<td>8.00</td>
<td>203</td>
<td>28</td>
</tr>
</tbody>
</table>

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

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

Fittings
51 Series – pg. E-5
56 Series – pg. E-36
55 Series – pg. E-12
57 Series – pg. E-58
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Black

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

For detailed ordering information, please consult price list or contact Parflex® Division.
Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
518C – Non-Conductive Hose

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

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

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>ANSI A92.2 Max. Working Pressure</th>
<th>SAE 100R7 Max. Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>518C-2</td>
<td>1/8</td>
<td>3</td>
<td>3.150 21.7</td>
<td>2.500 17.2</td>
<td>0.50 13</td>
<td>28</td>
<td>.03</td>
<td>.05</td>
<td>57</td>
</tr>
<tr>
<td>518C-3*</td>
<td>3/16</td>
<td>5</td>
<td>3.250 22.4</td>
<td>3.250 20.7</td>
<td>0.75 19</td>
<td>28</td>
<td>.05</td>
<td>.07</td>
<td>55/56 51</td>
</tr>
<tr>
<td>518C-4*</td>
<td>1/4</td>
<td>6</td>
<td>3.150 21.7</td>
<td>3.000 19.0</td>
<td>1.50 38</td>
<td>28</td>
<td>.05</td>
<td>.08</td>
<td>55/56 51</td>
</tr>
<tr>
<td>518C-5</td>
<td>5/16</td>
<td>8</td>
<td>3.150 21.7</td>
<td>2.500 17.2</td>
<td>1.75 44</td>
<td>28</td>
<td>.08</td>
<td>.11</td>
<td>55/56 51</td>
</tr>
<tr>
<td>518C-6</td>
<td>3/8</td>
<td>10</td>
<td>3.000 20.7</td>
<td>2.250 15.5</td>
<td>2.00 51</td>
<td>28</td>
<td>.10</td>
<td>.14</td>
<td>55/56 51</td>
</tr>
<tr>
<td>518C-8</td>
<td>1/2</td>
<td>13</td>
<td>3.000 20.7</td>
<td>2.250 15.5</td>
<td>3.00 76</td>
<td>28</td>
<td>.15</td>
<td>.22</td>
<td>55/56 51</td>
</tr>
<tr>
<td>518C-12</td>
<td>3/4</td>
<td>19</td>
<td>1.660 11.5</td>
<td>1.250 8.6</td>
<td>5.00 127</td>
<td>28</td>
<td>.21</td>
<td>.31</td>
<td>55/56 51</td>
</tr>
<tr>
<td>518C-16</td>
<td>1</td>
<td>25</td>
<td>1.330 9.2</td>
<td>1.000 6.9</td>
<td>8.00 203</td>
<td>28</td>
<td>.27</td>
<td>.40</td>
<td>55/56 51</td>
</tr>
</tbody>
</table>

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

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

Min. Burst Pressure:
- 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
- 51 Series – pg. E-5
- 55 Series – pg. E-12
- 56 Series – pg. E-36
- 57 Series – pg. E-58

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

Access instructions are on pg. G-13

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

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

51 Series field attachable couplings are not intended for use on hose that has previously been in service

For detailed ordering information, please consult price list or contact Parflex® Division.
518D – Non-Conductive Hose

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

Applications/Markets
- Medium pressure hydraulic service
- Aerial Lift

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

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

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

Colors
- Orange

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

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>ANSI A92.2 Max. Working Pressure 73°F/23°C</th>
<th>SAE 100R7 Max. Working Pressure 73°F/23°C</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>518D-2</td>
<td>1/8</td>
<td>.34</td>
<td>9</td>
<td>3,150</td>
<td>21.7</td>
<td>3,000</td>
<td>20.7</td>
<td>.03</td>
</tr>
<tr>
<td>518D-3</td>
<td>3/16</td>
<td>.43</td>
<td>11</td>
<td>3,250</td>
<td>22.4</td>
<td>3,250</td>
<td>22.4</td>
<td>.05</td>
</tr>
<tr>
<td>518D-4</td>
<td>1/4</td>
<td>.47</td>
<td>12</td>
<td>3,150</td>
<td>21.7</td>
<td>3,000</td>
<td>20.7</td>
<td>.06</td>
</tr>
<tr>
<td>518D-5</td>
<td>5/16</td>
<td>.57</td>
<td>14</td>
<td>3,150</td>
<td>21.7</td>
<td>2,500</td>
<td>17.2</td>
<td>.08</td>
</tr>
<tr>
<td>518D-6</td>
<td>3/8</td>
<td>.64</td>
<td>16</td>
<td>3,000</td>
<td>20.7</td>
<td>2,250</td>
<td>15.5</td>
<td>.10</td>
</tr>
<tr>
<td>518D-8</td>
<td>1/2</td>
<td>.81</td>
<td>21</td>
<td>3,000</td>
<td>20.7</td>
<td>2,250</td>
<td>15.5</td>
<td>.15</td>
</tr>
<tr>
<td>518D-12</td>
<td>3/4</td>
<td>1.09</td>
<td>28</td>
<td>1,660</td>
<td>11.5</td>
<td>1,250</td>
<td>8.6</td>
<td>.21</td>
</tr>
</tbody>
</table>
515H – Compact/Light Weight Hose

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

Certifications
- MSHA Accepted

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

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

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

### Part Number
<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>515H-3&quot;</td>
<td>3/16</td>
<td>.34</td>
<td>19</td>
<td>.75</td>
<td>2175</td>
<td>.03</td>
<td>.04</td>
</tr>
<tr>
<td>515H-4</td>
<td>1/4</td>
<td>.41</td>
<td>38</td>
<td>1.50</td>
<td>2000</td>
<td>.04</td>
<td>.05</td>
</tr>
<tr>
<td>515H-5&quot;</td>
<td>5/16</td>
<td>.49</td>
<td>44</td>
<td>1.75</td>
<td>1750</td>
<td>.05</td>
<td>.07</td>
</tr>
<tr>
<td>515H-6</td>
<td>3/8</td>
<td>.56</td>
<td>51</td>
<td>2.00</td>
<td>1500</td>
<td>.05</td>
<td>.08</td>
</tr>
<tr>
<td>515H-8&quot;</td>
<td>1/2</td>
<td>.71</td>
<td>76</td>
<td>3.00</td>
<td>1500</td>
<td>.11</td>
<td>.16</td>
</tr>
</tbody>
</table>

### Fittings
- 54 Series – pg. E-8
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 -3, -5 and -8
- Approved with rapid assembly fitting system
- Perforated cover
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>
<th>Vac. Rating Hg./73°F</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>
<td>MPa</td>
</tr>
<tr>
<td>520N-3</td>
<td>528N-3</td>
<td>3/16</td>
<td>.43</td>
<td>11</td>
<td>5,000</td>
<td>34.5</td>
<td>1.50</td>
</tr>
<tr>
<td>520N-4</td>
<td>528N-4</td>
<td>1/4</td>
<td>.51</td>
<td>13</td>
<td>5,000</td>
<td>34.5</td>
<td>2.00</td>
</tr>
<tr>
<td>520N-5</td>
<td>528N-5</td>
<td>5/16</td>
<td>.57</td>
<td>14</td>
<td>4,500</td>
<td>31.0</td>
<td>2.50</td>
</tr>
<tr>
<td>520N-6</td>
<td>528N-6</td>
<td>3/8</td>
<td>.65</td>
<td>17</td>
<td>4,000</td>
<td>27.6</td>
<td>2.50</td>
</tr>
<tr>
<td>520N-8</td>
<td>528N-8</td>
<td>1/2</td>
<td>.81</td>
<td>21</td>
<td>3,500</td>
<td>24.1</td>
<td>4.00</td>
</tr>
<tr>
<td>520N-10</td>
<td>528N-10</td>
<td>5/8</td>
<td>.92</td>
<td>23</td>
<td>2,750</td>
<td>19.0</td>
<td>6.00</td>
</tr>
</tbody>
</table>

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

Colors
- Black
- Orange (Non-Conductive)

Notes
Perforated cover - 520N
Non-perforated cover - 528N

For detailed ordering information, please consult price list or contact Parflex® Division.
526BA – Breathing Air Refill Hose

Features
- 6000 psi Constant Pressure

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

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

Construction
Tube: Nylon
Reinforcement: Aramid fiber
Cover: Polyurethane

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

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

Colors
- Gray

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi MPa</td>
<td>inch mm</td>
<td>lbs./ft.</td>
<td>kg./mtr.</td>
<td></td>
</tr>
<tr>
<td>526BA-3</td>
<td>3/16 5</td>
<td>.42 11</td>
<td>6,000 41.4</td>
<td>1.50 38</td>
<td>.05</td>
<td>.07</td>
<td>55</td>
</tr>
<tr>
<td>526BA-4</td>
<td>1/4 6</td>
<td>.50 13</td>
<td>6,000 41.4</td>
<td>2.00 51</td>
<td>.07</td>
<td>.10</td>
<td>55</td>
</tr>
<tr>
<td>526BA-6</td>
<td>3/8 10</td>
<td>.64 16</td>
<td>6,000 41.4</td>
<td>3.00 76</td>
<td>.09</td>
<td>.13</td>
<td>55</td>
</tr>
</tbody>
</table>
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

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

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

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

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>527BA-3</td>
<td>3/16</td>
<td>.43</td>
<td>11</td>
<td>7,000</td>
<td>1.50</td>
<td>38</td>
<td>.05</td>
</tr>
<tr>
<td>527BA-4</td>
<td>1/4</td>
<td>.52</td>
<td>13</td>
<td>7,000</td>
<td>2.00</td>
<td>51</td>
<td>.07</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal</th>
<th>Maximum</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73˚F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Natural</td>
<td>Non-Conductive</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
</tr>
<tr>
<td>53DM-3</td>
<td>3/16</td>
<td>5</td>
<td>.43</td>
<td>11</td>
<td>3,000</td>
<td>20.7</td>
<td>1.00</td>
</tr>
<tr>
<td>53DM-4</td>
<td>1/4</td>
<td>6</td>
<td>.49</td>
<td>12</td>
<td>3,000</td>
<td>20.7</td>
<td>1.25</td>
</tr>
<tr>
<td>53DM-5</td>
<td>5/16</td>
<td>8</td>
<td>.60</td>
<td>15</td>
<td>3,000</td>
<td>20.7</td>
<td>2.00</td>
</tr>
<tr>
<td>53DM-6</td>
<td>3/8</td>
<td>10</td>
<td>.68</td>
<td>17</td>
<td>3,000</td>
<td>20.7</td>
<td>2.00</td>
</tr>
<tr>
<td>53DM-8</td>
<td>1/2</td>
<td>13</td>
<td>.84</td>
<td>21</td>
<td>3,000</td>
<td>20.7</td>
<td>3.50</td>
</tr>
<tr>
<td>53DM-10</td>
<td>5/8</td>
<td>16</td>
<td>1.03</td>
<td>26</td>
<td>3,000</td>
<td>20.7</td>
<td>4.00</td>
</tr>
<tr>
<td>53DM-12</td>
<td>-</td>
<td>3/4</td>
<td>1.13</td>
<td>29</td>
<td>3,000</td>
<td>20.7</td>
<td>6.50</td>
</tr>
</tbody>
</table>

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
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

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

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

## Part Number Table

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>#</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>MPa</td>
<td>inch</td>
</tr>
<tr>
<td>540N-2</td>
<td>1/8</td>
<td>.34</td>
<td>9</td>
<td>3,000</td>
<td>20.7</td>
<td>0.50</td>
<td>13</td>
</tr>
<tr>
<td>540N-3</td>
<td>3/16</td>
<td>.44</td>
<td>11</td>
<td>3,000</td>
<td>20.7</td>
<td>0.75</td>
<td>19</td>
</tr>
<tr>
<td>540N-4</td>
<td>1/4</td>
<td>.50</td>
<td>13</td>
<td>2,750</td>
<td>19.0</td>
<td>1.50</td>
<td>38</td>
</tr>
<tr>
<td>540N-5</td>
<td>5/32</td>
<td>.58</td>
<td>15</td>
<td>2,500</td>
<td>17.2</td>
<td>1.75</td>
<td>44</td>
</tr>
<tr>
<td>540N-6</td>
<td>3/32</td>
<td>.65</td>
<td>17</td>
<td>2,250</td>
<td>15.5</td>
<td>2.00</td>
<td>51</td>
</tr>
<tr>
<td>540N-8</td>
<td>1/8</td>
<td>.81</td>
<td>21</td>
<td>2,000</td>
<td>13.8</td>
<td>3.00</td>
<td>76</td>
</tr>
<tr>
<td>540N-12</td>
<td>3/4</td>
<td>1.05</td>
<td>27</td>
<td>1,250</td>
<td>8.6</td>
<td>6.00</td>
<td>152</td>
</tr>
</tbody>
</table>

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

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

### Colors
- Black

### Notes
- Perforated cover

---

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

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

**Construction**
Tube: Polyethylene  
Reinforcement: Fiber  
Cover: Polyurethane

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

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

**Colors**
● Aqua

**Notes**
Perforated cover

---

<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>
</tr>
</thead>
<tbody>
<tr>
<td>540P-4</td>
<td>1/4</td>
<td>.65</td>
<td>2,750</td>
<td>1.05</td>
<td>28</td>
<td>.13</td>
<td>.28</td>
<td>55/56</td>
</tr>
<tr>
<td>540P-6</td>
<td>3/8</td>
<td>1.05</td>
<td>2,250</td>
<td>2.00</td>
<td>28</td>
<td>.09</td>
<td>.13</td>
<td>55/56</td>
</tr>
<tr>
<td>540P-8</td>
<td>1/2</td>
<td>1.90</td>
<td>2,000</td>
<td>3.00</td>
<td>28</td>
<td>.13</td>
<td>.19</td>
<td>55/56</td>
</tr>
<tr>
<td>540P-12</td>
<td>3/4</td>
<td>2.06</td>
<td>1,250</td>
<td>5.00</td>
<td>28</td>
<td>.19</td>
<td>.28</td>
<td>55/56</td>
</tr>
</tbody>
</table>
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./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>55LT-2</td>
<td>1/8</td>
<td>3</td>
<td>3,000</td>
<td>.34</td>
<td>9</td>
<td>0.03</td>
<td>57</td>
</tr>
<tr>
<td>55LT-3</td>
<td>3/16</td>
<td>5</td>
<td>3,250</td>
<td>.43</td>
<td>11</td>
<td>0.29</td>
<td>55/56</td>
</tr>
<tr>
<td>55LT-4</td>
<td>1/4</td>
<td>6</td>
<td>3,000</td>
<td>.51</td>
<td>13</td>
<td>0.12</td>
<td>55/56</td>
</tr>
<tr>
<td>55LT-5</td>
<td>5/32</td>
<td>8</td>
<td>2,500</td>
<td>.57</td>
<td>14</td>
<td>0.17</td>
<td>55/56</td>
</tr>
<tr>
<td>55LT-6</td>
<td>3/16</td>
<td>10</td>
<td>2,250</td>
<td>.66</td>
<td>17</td>
<td>0.22</td>
<td>55/56</td>
</tr>
<tr>
<td>55LT-8</td>
<td>1/2</td>
<td>13</td>
<td>2,500</td>
<td>.81</td>
<td>21</td>
<td>0.31</td>
<td>55/56</td>
</tr>
<tr>
<td>55LT-12</td>
<td>3/4</td>
<td>19</td>
<td>1,250</td>
<td>1.09</td>
<td>28</td>
<td>0.62</td>
<td>55</td>
</tr>
</tbody>
</table>

Construction
Tube: Copolyester
Reinforcement: Fiber
Cover: Copolyester

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

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

Colors
- Black

Notes
Perforated cover
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

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

**Certifications**
- MSHA Accepted for -2 only

**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](http://www.parker.com/crimpsource)
  - Access instructions are on pg. G-13

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

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

---

**Part Number** | **Nominal I.D.** | **Maximum O.D.** | **Maximum Working Pressure** | **Minimum Bend Radius** | **Weight** | **Permanent Fitting Series**
--- | --- | --- | --- | --- | --- | ---
56DH-1.5 | 568DH-1.5 | .09 | 2 | .20 | 5 | 6,000 | 41.4 | 0.25 | 6 | .02 | .01 | SF
56DH-2 | 568DH-2 | .14 | 4 | .32 | 8 | 6,000 | 41.4 | 0.50 | 13 | .03 | .05 | CY

---

For detailed ordering information, please consult price list or contact Parflex® Division.
Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
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 mm</td>
<td>10,000 psi @73°F MPa@23°F</td>
<td>2 inch</td>
<td>.08 lbs./ft. .122 kg./m.</td>
</tr>
</tbody>
</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
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)

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight lbs./ft. kg./mtr.</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>573X-3</td>
<td>3/16</td>
<td>.34</td>
<td>9</td>
<td>3000</td>
<td>20.7</td>
<td>.03</td>
<td>.04</td>
</tr>
<tr>
<td>573X-16</td>
<td>1</td>
<td>1.46</td>
<td>37</td>
<td>3000</td>
<td>20.7</td>
<td>.41</td>
<td>.60</td>
</tr>
</tbody>
</table>

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

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd
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 lbs./ft.</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>575X-3</td>
<td>3/16</td>
<td>.43</td>
<td>11</td>
<td>5,000</td>
<td>34.5</td>
<td>.05</td>
<td>55</td>
</tr>
<tr>
<td>575X-4</td>
<td>1/4</td>
<td>.51</td>
<td>13</td>
<td>5,000</td>
<td>34.5</td>
<td>.07</td>
<td>55</td>
</tr>
<tr>
<td>575X-6</td>
<td>3/8</td>
<td>.64</td>
<td>16</td>
<td>5,000</td>
<td>34.5</td>
<td>.09</td>
<td>55</td>
</tr>
<tr>
<td>575X-8</td>
<td>1/2</td>
<td>.81</td>
<td>21</td>
<td>5,000</td>
<td>34.5</td>
<td>.14</td>
<td>55</td>
</tr>
<tr>
<td>575X-12</td>
<td>3/4</td>
<td>1.15</td>
<td>29</td>
<td>5,000</td>
<td>34.5</td>
<td>.24</td>
<td>58H</td>
</tr>
<tr>
<td>575X-16</td>
<td>1</td>
<td>1.59</td>
<td>40</td>
<td>5,000</td>
<td>34.5</td>
<td>.36</td>
<td>58H</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
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

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

A-53
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

**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

---

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>580N-4</td>
<td>1/4</td>
<td>.62</td>
<td>16</td>
<td>5,000</td>
<td>34.5</td>
<td>2.00</td>
<td>51</td>
</tr>
<tr>
<td>580N-6</td>
<td>3/8</td>
<td>.77</td>
<td>20</td>
<td>4,000</td>
<td>27.6</td>
<td>2.50</td>
<td>64</td>
</tr>
<tr>
<td>580N-8</td>
<td>1/2</td>
<td>.89</td>
<td>23</td>
<td>3,500</td>
<td>24.1</td>
<td>4.00</td>
<td>102</td>
</tr>
<tr>
<td>580N-10</td>
<td>5/8</td>
<td>.98</td>
<td>25</td>
<td>2,750</td>
<td>19.0</td>
<td>6.00</td>
<td>152</td>
</tr>
<tr>
<td>580N-12</td>
<td>5/8</td>
<td>1.15</td>
<td>29</td>
<td>2,250</td>
<td>15.5</td>
<td>8.00</td>
<td>203</td>
</tr>
<tr>
<td>580N-16</td>
<td>1</td>
<td>1.47</td>
<td>37</td>
<td>2,000</td>
<td>13.8</td>
<td>10.00</td>
<td>254</td>
</tr>
<tr>
<td>H580N-16*</td>
<td>-</td>
<td>1.58</td>
<td>40</td>
<td>3,000</td>
<td>20.7</td>
<td>10.00</td>
<td>254</td>
</tr>
</tbody>
</table>

---

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

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

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

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

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

For detailed ordering information, please consult price list or contact Parflex® Division.
1035A – Power Cleaning

Features
- Non-marring
- Extremely flexible

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>1035A-4</td>
<td>1/4</td>
<td>.51</td>
<td>1,500</td>
<td>16</td>
<td>10.3</td>
<td>.63</td>
<td>16</td>
</tr>
<tr>
<td>1035A-6</td>
<td>3/8</td>
<td>.62</td>
<td>1,200</td>
<td>16</td>
<td>8.3</td>
<td>.88</td>
<td>22</td>
</tr>
</tbody>
</table>

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
1035HT – High Temperature Power Cleaning

Features
- Non-marring
- Broad temperature range

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>MPa</td>
<td>inch</td>
</tr>
<tr>
<td>1035HT-3</td>
<td>3/16</td>
<td>5</td>
<td>.43</td>
<td>11</td>
<td>2,000</td>
<td>13.8</td>
<td>.75</td>
</tr>
<tr>
<td>1035HT-4</td>
<td>1/4</td>
<td>6</td>
<td>.50</td>
<td>13</td>
<td>1,750</td>
<td>12.1</td>
<td>1.50</td>
</tr>
<tr>
<td>1035HT-6</td>
<td>3/8</td>
<td>10</td>
<td>.65</td>
<td>17</td>
<td>1,500</td>
<td>10.3</td>
<td>2.00</td>
</tr>
</tbody>
</table>

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

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

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

Colors
- Yellow

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

For detailed ordering information, please consult price list or contact Parflex® Division.
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>
</tr>
</thead>
<tbody>
<tr>
<td>B903</td>
<td>3/16</td>
<td>5</td>
<td>.39</td>
<td>10</td>
<td>250</td>
<td>1.7</td>
<td>1.00</td>
<td>25</td>
</tr>
<tr>
<td>B904</td>
<td>1/4</td>
<td>6</td>
<td>.46</td>
<td>12</td>
<td>250</td>
<td>1.7</td>
<td>1.50</td>
<td>38</td>
</tr>
<tr>
<td>B905</td>
<td>5/16</td>
<td>8</td>
<td>.55</td>
<td>14</td>
<td>250</td>
<td>1.7</td>
<td>2.00</td>
<td>51</td>
</tr>
<tr>
<td>B906</td>
<td>3/8</td>
<td>10</td>
<td>.64</td>
<td>16</td>
<td>250</td>
<td>1.7</td>
<td>3.00</td>
<td>76</td>
</tr>
<tr>
<td>B908</td>
<td>1/2</td>
<td>13</td>
<td>.78</td>
<td>20</td>
<td>250</td>
<td>1.7</td>
<td>3.00</td>
<td>76</td>
</tr>
<tr>
<td>B910</td>
<td>5/8</td>
<td>16</td>
<td>.93</td>
<td>24</td>
<td>250</td>
<td>1.7</td>
<td>4.00</td>
<td>102</td>
</tr>
</tbody>
</table>

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
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

### Features

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

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

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

Colors
- Red

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

### Part Number

<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>5CNG-3</td>
<td>3/16</td>
<td>.43</td>
<td>5,000</td>
<td>1.50</td>
<td>.05</td>
</tr>
<tr>
<td>5CNG-4</td>
<td>1/4</td>
<td>.55</td>
<td>5,000</td>
<td>2.00</td>
<td>.08</td>
</tr>
<tr>
<td>5CNG-6</td>
<td>3/8</td>
<td>.65</td>
<td>5,000</td>
<td>3.00</td>
<td>.09</td>
</tr>
<tr>
<td>5CNG-8</td>
<td>1/2</td>
<td>.90</td>
<td>5,000</td>
<td>4.00</td>
<td>.21</td>
</tr>
<tr>
<td>5CNG-12</td>
<td>3/4</td>
<td>1.15</td>
<td>5,000</td>
<td>7.50</td>
<td>.24</td>
</tr>
<tr>
<td>5CNG-16</td>
<td>1</td>
<td>1.59</td>
<td>5,000</td>
<td>10.00</td>
<td>.36</td>
</tr>
</tbody>
</table>

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

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

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

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLB02*</td>
<td>1/8</td>
<td>.32</td>
<td>8</td>
<td>3,000</td>
<td>20.7</td>
<td>.50</td>
<td>13</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.03</td>
<td>.04</td>
<td>CY BU</td>
</tr>
<tr>
<td>HLB03**</td>
<td>3/16</td>
<td>.41</td>
<td>10</td>
<td>3,000</td>
<td>20.7</td>
<td>.75</td>
<td>19</td>
<td>28</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>.06</td>
<td>.08</td>
<td>CY BU</td>
</tr>
</tbody>
</table>
MSH – Marine Steering Fast Response Hose

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

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>MSH-5</td>
<td>5/16</td>
<td>.48</td>
<td>12</td>
<td>1,000</td>
<td>6.9</td>
<td>.05</td>
<td>MS</td>
<td>MS</td>
</tr>
<tr>
<td>MSH-6</td>
<td>3/8</td>
<td>.59</td>
<td>15</td>
<td>1,000</td>
<td>6.9</td>
<td>.07</td>
<td>MS</td>
<td>MS</td>
</tr>
</tbody>
</table>

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

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

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

Colors
- Black

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

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

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

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

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)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Vac. Rating Hg./73°F</th>
<th>Minimum Bend Radius</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>PTH-3</td>
<td>3/16 inch</td>
<td>.43 inch</td>
<td>3,000 psi</td>
<td>20.7</td>
<td>.75 inch</td>
<td>.08 lbs./ft.</td>
<td>92</td>
</tr>
</tbody>
</table>

Fittings
92 Series – pg. E-85
For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource
Access instructions are on pg. G-13

Colors
- Clear

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

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

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

Applications/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

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)

<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>S508N</td>
<td>1/2</td>
<td>.81</td>
<td>21</td>
<td>4000</td>
<td>4.00</td>
<td>102</td>
</tr>
<tr>
<td></td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>inch</td>
<td>lbs./ft</td>
<td>.16</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td></td>
<td></td>
<td>mm</td>
<td>kg./mtr</td>
<td>.24</td>
</tr>
</tbody>
</table>

Colors
- Green

Notes
Factory-made assemblies only
Not for use in hydraulic applications
Perforated cover

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

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi MPa</td>
<td>inch mm</td>
<td>lbs./ft.</td>
<td>kg./mtr.</td>
</tr>
<tr>
<td>S612</td>
<td>3/4 19</td>
<td>1.14 29</td>
<td>2,500 17.2</td>
<td>4.00 102</td>
<td>.29 .43</td>
<td>58/SQ/HY*</td>
</tr>
<tr>
<td>S616</td>
<td>1 25</td>
<td>1.41 36</td>
<td>2,500 17.2</td>
<td>6.00 152</td>
<td>.38 .57</td>
<td>58/SQ/HY*</td>
</tr>
</tbody>
</table>

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
S9 – Predator® Hose (Sewer Cleaning)

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

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

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi MPa</td>
<td>inch mm</td>
<td>lbs./ft. kg./mtr.</td>
<td></td>
</tr>
<tr>
<td>S912</td>
<td>3/4 19</td>
<td>1.15 29</td>
<td>3,000 20.7</td>
<td>4.00 102</td>
<td>.30 .45</td>
<td></td>
</tr>
<tr>
<td>S916</td>
<td>1 25</td>
<td>1.47 37</td>
<td>3,000 20.7</td>
<td>8.00 203</td>
<td>.46 .68</td>
<td></td>
</tr>
</tbody>
</table>

Construction
Tube: Gray Copolyester
Reinforcement: Fiber
Cover: Polyurethane

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

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

Colors
- Blue

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

Features
- Easily identified black cover indicates termination of hose

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

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>SLH-8</td>
<td>1/2</td>
<td>0.77</td>
<td>20</td>
<td>3.50</td>
<td>28</td>
<td>.25</td>
<td>HY*</td>
</tr>
<tr>
<td>SLH-10</td>
<td>5/8</td>
<td>0.95</td>
<td>24</td>
<td>4.00</td>
<td>28</td>
<td>.38</td>
<td>HY*</td>
</tr>
<tr>
<td>SLH-12</td>
<td>3/4</td>
<td>1.08</td>
<td>27</td>
<td>4.80</td>
<td>28</td>
<td>.45</td>
<td>HY*</td>
</tr>
<tr>
<td>SLH-16</td>
<td>1</td>
<td>1.43</td>
<td>36</td>
<td>6.00</td>
<td>28</td>
<td>.60</td>
<td>HY*</td>
</tr>
</tbody>
</table>

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)

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

<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>
</tr>
</thead>
<tbody>
<tr>
<td>548N-6</td>
<td>3/8</td>
<td>.65</td>
<td>17</td>
<td>2,250</td>
<td>15.5</td>
<td>2.00</td>
<td>51</td>
</tr>
</tbody>
</table>

Nomenclature

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

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

End Connectors
06MP 3/8" Rigid Male Pipe
06FJ 3/8" Female JIC Swivel

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

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

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
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</th>
<th>Maximum</th>
<th>Maximum</th>
<th>Minimum</th>
<th>Vac. Rating</th>
<th>Weight</th>
<th>Permanent</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>I.D.</td>
<td>O.D.</td>
<td>Working</td>
<td>Bend</td>
<td>Hg./73°F</td>
<td></td>
<td>Fitting</td>
<td>Attachable</td>
</tr>
<tr>
<td>Natural</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>inch</td>
<td>mm</td>
<td>lbs./ft.</td>
<td>Series</td>
<td>Series</td>
</tr>
<tr>
<td>Conductive</td>
<td>inch</td>
<td>mm</td>
<td>MPa</td>
<td>inch</td>
<td>mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>919-3</td>
<td>-</td>
<td>1/8</td>
<td>.25</td>
<td>6</td>
<td>3,000</td>
<td>20.7</td>
<td>1.50</td>
<td>38</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28</td>
<td>.04</td>
</tr>
<tr>
<td>919-4</td>
<td>3/16</td>
<td>5</td>
<td>.32</td>
<td>8</td>
<td>3,000</td>
<td>20.7</td>
<td>2.00</td>
<td>51</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28</td>
<td>.06</td>
</tr>
<tr>
<td>919-5</td>
<td>1/4</td>
<td>6</td>
<td>.38</td>
<td>10</td>
<td>3,000</td>
<td>20.7</td>
<td>3.00</td>
<td>76</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28</td>
<td>.09</td>
</tr>
<tr>
<td>919-6</td>
<td>5/16</td>
<td>8</td>
<td>.44</td>
<td>11</td>
<td>2,500</td>
<td>17.2</td>
<td>4.00</td>
<td>102</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28</td>
<td>.10</td>
</tr>
<tr>
<td>919-8</td>
<td>919B-8</td>
<td>3/32</td>
<td>.53</td>
<td>13</td>
<td>2,000</td>
<td>13.8</td>
<td>5.00</td>
<td>127</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28</td>
<td>.13</td>
</tr>
<tr>
<td>919-9</td>
<td>1/2</td>
<td>13</td>
<td>.63</td>
<td>16</td>
<td>1,500</td>
<td>10.3</td>
<td>6.50</td>
<td>165</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>28</td>
<td>.15</td>
</tr>
<tr>
<td>919-10</td>
<td>5/8</td>
<td>16</td>
<td>.75</td>
<td>19</td>
<td>1,200</td>
<td>8.3</td>
<td>7.50</td>
<td>191</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>12</td>
<td>.19</td>
</tr>
<tr>
<td>919-11</td>
<td>7/8</td>
<td>22</td>
<td>1.03</td>
<td>26</td>
<td>1,000</td>
<td>6.9</td>
<td>9.00</td>
<td>229</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>14</td>
<td>.27</td>
</tr>
<tr>
<td>919-12</td>
<td>-</td>
<td>1 1/8</td>
<td>1.28</td>
<td>33</td>
<td>625</td>
<td>4.3</td>
<td>16.00</td>
<td>406</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>10</td>
<td>.39</td>
</tr>
</tbody>
</table>

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

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

<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>Vacuum Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi MPa</td>
<td>inch mm</td>
<td>inch mm</td>
<td>lbs./ft. kg./mtr.</td>
<td></td>
</tr>
<tr>
<td>919J-4-RED</td>
<td>3/16 5</td>
<td>.45 11</td>
<td>3,000 20.7</td>
<td>2.00 51</td>
<td>28 .12</td>
<td>.18 91N</td>
<td></td>
</tr>
<tr>
<td>919J-5-RED</td>
<td>1/4 6</td>
<td>.52 13</td>
<td>3,000 20.7</td>
<td>3.00 76</td>
<td>28 .14</td>
<td>.21 91N</td>
<td></td>
</tr>
<tr>
<td>919J-6-RED</td>
<td>5/16 8</td>
<td>.58 15</td>
<td>2,500 17.2</td>
<td>4.00 102</td>
<td>28 .17</td>
<td>.25 91N</td>
<td></td>
</tr>
<tr>
<td>919J-8-RED</td>
<td>13/32 10</td>
<td>.68 17</td>
<td>2,000 13.8</td>
<td>5.00 127</td>
<td>28 .20</td>
<td>.30 91N</td>
<td></td>
</tr>
<tr>
<td>919J-10-RED</td>
<td>1/2 13</td>
<td>.78 20</td>
<td>1,500 10.3</td>
<td>6.50 165</td>
<td>28 .24</td>
<td>.35 91N</td>
<td></td>
</tr>
<tr>
<td>919J-12-RED</td>
<td>5/8 16</td>
<td>.91 23</td>
<td>1,200 8.3</td>
<td>7.50 191</td>
<td>12 .29</td>
<td>.43 91N</td>
<td></td>
</tr>
</tbody>
</table>
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

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)

Part Number | Nominal I.D. | Maximum O.D. | Maximum Working Pressure | Minimum Bend Radius | Vac. Rating Hg./73°F | Weight | Permanent Fitting Series
--- | --- | --- | --- | --- | --- | --- | ---
919U-4 | 3/16 | .37 | 9 | 3,000 | 20.7 | 2.00 | 51 | 28 | .08 | .13 | 91N
919U-6 | 5/16 | .51 | 13 | 2,500 | 17.2 | 4.00 | 102 | 28 | .13 | .20 | 91N
919U-8 | 13/32 | .61 | 15 | 2,000 | 13.8 | 5.00 | 127 | 28 | .15 | .22 | 91N
919U-12 | 5/8 | .84 | 21 | 1,200 | 8.3 | 7.50 | 191 | 12 | .22 | .33 | 91N
919U-16 | 7/8 | 1.12 | 28 | 1,000 | 6.9 | 9.00 | 229 | 14 | .31 | .47 | 91N

Fittings
91N Series – pg. 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>
<th>Weight lbs./ft.</th>
<th>Weight kg./mtr.</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural Conductive</td>
<td>inch mm inch mm psi MPa inch mm inch lbs./ft. kg./mtr.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>929-4 929B-4</td>
<td>3/16 .54 9 .34</td>
<td>3,000 20.7</td>
<td>2.00</td>
<td>51 28</td>
<td>.08</td>
<td>.12</td>
<td>91N</td>
<td></td>
</tr>
<tr>
<td>929-6 929B-6</td>
<td>5/16 .74 12 .47</td>
<td>2,500 17.2</td>
<td>4.00</td>
<td>102 28</td>
<td>.12</td>
<td>.18</td>
<td>91N</td>
<td></td>
</tr>
<tr>
<td>929-8 929B-8</td>
<td>13/32 .80 15 .59</td>
<td>2,000 13.8</td>
<td>4.60</td>
<td>117 28</td>
<td>.16</td>
<td>.23</td>
<td>91N</td>
<td></td>
</tr>
<tr>
<td>- 929B-12</td>
<td>5/8 .81 21</td>
<td>1,200 8.3</td>
<td>6.50</td>
<td>165 12</td>
<td>.19</td>
<td>.28</td>
<td>91N</td>
<td></td>
</tr>
<tr>
<td>- 929B-16</td>
<td>7/8 22 .14</td>
<td>1,250 8.6</td>
<td>7.40</td>
<td>188 12</td>
<td>.49</td>
<td>.73</td>
<td>91N</td>
<td></td>
</tr>
</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/crimpsource
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)

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Tube Wall</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>929BJ-4</td>
<td>3/16</td>
<td>.58</td>
<td>.040</td>
<td>3,000</td>
<td>20.7</td>
<td>2.00</td>
<td>28</td>
<td>.17</td>
</tr>
<tr>
<td>929BJ-6</td>
<td>5/16</td>
<td>.70</td>
<td>.040</td>
<td>2,500</td>
<td>17.2</td>
<td>4.00</td>
<td>28</td>
<td>.23</td>
</tr>
<tr>
<td>929BJ-8</td>
<td>13/32</td>
<td>.81</td>
<td>.044</td>
<td>2,000</td>
<td>13.8</td>
<td>4.60</td>
<td>28</td>
<td>.29</td>
</tr>
</tbody>
</table>
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 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 Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural</td>
<td>Conductive</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
</tr>
<tr>
<td>939-6</td>
<td>939B-6</td>
<td>3/8</td>
<td>10</td>
<td>.59</td>
<td>15</td>
<td>1,500</td>
</tr>
<tr>
<td>939-8</td>
<td>939B-8</td>
<td>1/2</td>
<td>13</td>
<td>.79</td>
<td>20</td>
<td>1,350</td>
</tr>
<tr>
<td>939-10</td>
<td>939B-10</td>
<td>5/8</td>
<td>16</td>
<td>.88</td>
<td>22</td>
<td>1,000</td>
</tr>
<tr>
<td>939-12</td>
<td>939B-12</td>
<td>3/4</td>
<td>19</td>
<td>1.09</td>
<td>28</td>
<td>1,100</td>
</tr>
<tr>
<td>939-16</td>
<td>939B-16</td>
<td>1</td>
<td>25</td>
<td>1.33</td>
<td>34</td>
<td>1,000</td>
</tr>
<tr>
<td>939-20</td>
<td>939B-20</td>
<td>1-1/4</td>
<td>32</td>
<td>1.75</td>
<td>44</td>
<td>1,000</td>
</tr>
<tr>
<td>939-24</td>
<td>939B-24</td>
<td>1-1/2</td>
<td>38</td>
<td>2.05</td>
<td>52</td>
<td>750</td>
</tr>
<tr>
<td>939-32</td>
<td>939B-32</td>
<td>2</td>
<td>51</td>
<td>2.56</td>
<td>65</td>
<td>250</td>
</tr>
</tbody>
</table>

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/crimpsource
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 Stripping

**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)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight lbs./ft. kg./mtr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>943B-6</td>
<td>5/16</td>
<td>8</td>
<td>12</td>
<td>3,000</td>
<td>20.7</td>
<td>.18 .26</td>
</tr>
<tr>
<td>943B-8</td>
<td>13/32</td>
<td>10</td>
<td>16</td>
<td>3,000</td>
<td>20.7</td>
<td>.24 .35</td>
</tr>
<tr>
<td>943B-10</td>
<td>1/2</td>
<td>13</td>
<td>19</td>
<td>3,000</td>
<td>20.7</td>
<td>.32 .46</td>
</tr>
<tr>
<td>943B-12</td>
<td>5/8</td>
<td>16</td>
<td>25</td>
<td>3,000</td>
<td>20.7</td>
<td>.70 1.01</td>
</tr>
<tr>
<td>943B-16</td>
<td>29/32</td>
<td>23</td>
<td>32</td>
<td>3,000</td>
<td>20.7</td>
<td>1.02 1.53</td>
</tr>
</tbody>
</table>

**Fittings**
94 Series – pg. E-90

**Notes**
Factory-made assemblies only
Not suggested for steam-cold water cycling applications

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

<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi MPa</td>
<td>inch mm</td>
<td>inch mm</td>
<td>lbs./ft. kg./mtr.</td>
</tr>
<tr>
<td>944B-4</td>
<td>15/64 .39</td>
<td>10 .60</td>
<td>4,500 31.0</td>
<td>1.50 38</td>
<td>28 .11</td>
<td>.16</td>
</tr>
<tr>
<td>944B-6</td>
<td>5/16 .49</td>
<td>12 .79</td>
<td>4,500 31.0</td>
<td>2.50 64</td>
<td>28 .17</td>
<td>.24</td>
</tr>
<tr>
<td>944B-8</td>
<td>7/16 .62</td>
<td>16 .95</td>
<td>4,500 31.0</td>
<td>2.88 73</td>
<td>28 .25</td>
<td>.35</td>
</tr>
<tr>
<td>944B-10</td>
<td>1/2 .73</td>
<td>19 .98</td>
<td>4,000 27.6</td>
<td>3.25 83</td>
<td>28 .31</td>
<td>.45</td>
</tr>
<tr>
<td>944B-12</td>
<td>5/8 .99</td>
<td>25 1.25</td>
<td>4,000 27.6</td>
<td>4.00 102</td>
<td>28 .74</td>
<td>1.05</td>
</tr>
<tr>
<td>944B-16</td>
<td>29/32 1.25</td>
<td>32 1.52</td>
<td>4,000 27.6</td>
<td>5.00 127</td>
<td>28 1.09</td>
<td>1.55</td>
</tr>
</tbody>
</table>

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

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

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

A-75
# Parker Hannifin Corporation

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

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

## 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

### 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 4x Max. Working Pressure at 73°F (23°C)

### Table

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Maximum O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight lbs./ft.</th>
<th>kg./mtr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>950B-4</td>
<td>15/64</td>
<td>.50</td>
<td>13</td>
<td>4,000</td>
<td>27.6</td>
<td>.20</td>
<td>.27</td>
</tr>
<tr>
<td>950B-6</td>
<td>5/16</td>
<td>.62</td>
<td>16</td>
<td>4,000</td>
<td>27.6</td>
<td>.24</td>
<td>.36</td>
</tr>
<tr>
<td>950B-8</td>
<td>7/16</td>
<td>.75</td>
<td>19</td>
<td>4,000</td>
<td>27.6</td>
<td>.45</td>
<td>.68</td>
</tr>
<tr>
<td>950B-12</td>
<td>5/8</td>
<td>1.08</td>
<td>27</td>
<td>4,000</td>
<td>27.6</td>
<td>.96</td>
<td>1.43</td>
</tr>
<tr>
<td>950B-16</td>
<td>29/32</td>
<td>1.36</td>
<td>34</td>
<td>4,000</td>
<td>27.6</td>
<td>1.30</td>
<td>1.93</td>
</tr>
</tbody>
</table>

### Fittings
- 95 Series - pg. E-90

### Notes
- Factory-made assemblies only

---

950B – 4,000 psi W.P. High Temp Hose

![Image of high temp hose](image-url)
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

<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>kg./mtr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>955B-4</td>
<td>15/64</td>
<td>.50</td>
<td>5,500</td>
<td>3.00</td>
<td>76</td>
<td>.23</td>
<td>.34</td>
</tr>
<tr>
<td>955B-6</td>
<td>5/16</td>
<td>.62</td>
<td>5,500</td>
<td>5.00</td>
<td>127</td>
<td>.24</td>
<td>.35</td>
</tr>
<tr>
<td>955B-8</td>
<td>7/16</td>
<td>.75</td>
<td>5,500</td>
<td>5.75</td>
<td>146</td>
<td>.46</td>
<td>.68</td>
</tr>
<tr>
<td>955B-10</td>
<td>1/2</td>
<td>.91</td>
<td>5,500</td>
<td>6.50</td>
<td>165</td>
<td>.91</td>
<td>1.34</td>
</tr>
<tr>
<td>955B-12</td>
<td>5/8</td>
<td>1.08</td>
<td>5,500</td>
<td>7.75</td>
<td>197</td>
<td>.92</td>
<td>1.36</td>
</tr>
<tr>
<td>955B-16</td>
<td>29/32</td>
<td>1.36</td>
<td>5,500</td>
<td>9.63</td>
<td>245</td>
<td>1.20</td>
<td>1.77</td>
</tr>
</tbody>
</table>

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
## 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

### 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

### Table: Part Number Specifications

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Nominal O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
<th>Field Attachable Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural</td>
<td>Conductive</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>bar</td>
<td>inch</td>
</tr>
<tr>
<td>03-S30</td>
<td>03-S30B</td>
<td>1/8</td>
<td>3</td>
<td>.250</td>
<td>6</td>
<td>3,000</td>
<td>207</td>
<td>1-1/2</td>
</tr>
<tr>
<td>04-S30</td>
<td>04-S30B</td>
<td>3/16</td>
<td>5</td>
<td>.305</td>
<td>8</td>
<td>3,000</td>
<td>207</td>
<td>2</td>
</tr>
<tr>
<td>05-S30</td>
<td>05-S30B</td>
<td>1/4</td>
<td>6</td>
<td>.375</td>
<td>10</td>
<td>3,000</td>
<td>207</td>
<td>3</td>
</tr>
<tr>
<td>06-S30</td>
<td>06-S30B</td>
<td>5/16</td>
<td>8</td>
<td>.430</td>
<td>11</td>
<td>2,500</td>
<td>172</td>
<td>4</td>
</tr>
<tr>
<td>08-S30</td>
<td>08-S30B</td>
<td>13/32</td>
<td>10</td>
<td>.535</td>
<td>14</td>
<td>2,000</td>
<td>138</td>
<td>5</td>
</tr>
<tr>
<td>10-S30</td>
<td>10-S30B</td>
<td>1/2</td>
<td>13</td>
<td>.636</td>
<td>16</td>
<td>1,750</td>
<td>121</td>
<td>6-1/2</td>
</tr>
<tr>
<td>12-S30</td>
<td>12-S30B</td>
<td>5/8</td>
<td>16</td>
<td>.765</td>
<td>19</td>
<td>1,500</td>
<td>103</td>
<td>7-1/2</td>
</tr>
<tr>
<td>16-S30</td>
<td>16-S30B</td>
<td>7/8</td>
<td>22</td>
<td>1.030</td>
<td>26</td>
<td>1,000</td>
<td>69</td>
<td>9</td>
</tr>
</tbody>
</table>
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

### 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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Nominal O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vacuum Rating Hg./73°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural</td>
<td>Conductive</td>
<td>inch mm</td>
<td>inch mm psi bar inch mm inch lbs./ft. kg./mtr.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>04-S40</td>
<td>04-S40B</td>
<td>3/16 5</td>
<td>.320 8 3,000 207 2 51 28 .08 .13 91N</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>05-S40</td>
<td>05-S40B</td>
<td>1/4 6</td>
<td>.375 10 3,000 207 3 76 28 .11 .16 91N</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>06-S40</td>
<td>06-S40B</td>
<td>5/16 8</td>
<td>.435 11 2,500 172 4 102 28 .12 .18 91N</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08-S40</td>
<td>08-S40B</td>
<td>13/32 10</td>
<td>.565 14 2,000 138 5 127 28 .16 .23 91N</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>10-S40</td>
<td>10-S40B</td>
<td>1/2 13</td>
<td>.656 17 1,750 121 6-1/2 165 28 .17 .25 91N</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12-S40</td>
<td>12-S40B</td>
<td>5/8 16</td>
<td>.780 20 1,500 103 7-1/2 191 12 .19 .28 91N</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>16-S40</td>
<td>16-S40B</td>
<td>7/8 22</td>
<td>1.05 27 1,000 69 9 229 14 .49 .73 91N</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Nominal O.D.</th>
<th>Maximum 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>
</tr>
</thead>
<tbody>
<tr>
<td>Natural</td>
<td>Conductive</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>bar</td>
</tr>
<tr>
<td>04-STW</td>
<td>04-STB</td>
<td>1/4</td>
<td>6</td>
<td>.37</td>
<td>9</td>
<td>3,000</td>
<td>207</td>
</tr>
<tr>
<td>06-STW</td>
<td>06-STB</td>
<td>3/8</td>
<td>10</td>
<td>.51</td>
<td>13</td>
<td>2,000</td>
<td>138</td>
</tr>
<tr>
<td>08-STW</td>
<td>08-STB</td>
<td>1/2</td>
<td>13</td>
<td>.63</td>
<td>16</td>
<td>1,750</td>
<td>121</td>
</tr>
<tr>
<td>12-STW</td>
<td>12-STB</td>
<td>3/4</td>
<td>19</td>
<td>.88</td>
<td>22</td>
<td>1,000</td>
<td>69</td>
</tr>
<tr>
<td>16-STW</td>
<td>16-STB</td>
<td>1</td>
<td>25</td>
<td>1.13</td>
<td>29</td>
<td>1,000</td>
<td>69</td>
</tr>
<tr>
<td>16Z-STW</td>
<td>16Z-STB</td>
<td>1</td>
<td>25</td>
<td>1.22</td>
<td>31</td>
<td>1,000</td>
<td>69</td>
</tr>
<tr>
<td>20Z-STW</td>
<td>20Z-STB</td>
<td>1-1/4</td>
<td>32</td>
<td>1.52</td>
<td>38</td>
<td>1,000</td>
<td>69</td>
</tr>
<tr>
<td>24Z-STW</td>
<td>24Z-STB</td>
<td>1-1/2</td>
<td>38</td>
<td>1.73</td>
<td>44</td>
<td>900</td>
<td>62</td>
</tr>
</tbody>
</table>

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
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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Nominal O.D.</th>
<th>Maximum Working Pressure</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg/73°F</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural</td>
<td>Conductive</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
</tr>
<tr>
<td>06-SBFW</td>
<td>06-SBFB</td>
<td>3/8</td>
<td>.63</td>
<td>16</td>
<td>300</td>
<td>21</td>
</tr>
<tr>
<td>08-SBFW</td>
<td>08-SBFB</td>
<td>1/2</td>
<td>.76</td>
<td>19</td>
<td>300</td>
<td>21</td>
</tr>
<tr>
<td>12-SBFW</td>
<td>12-SBFB</td>
<td>3/4</td>
<td>1.04</td>
<td>26</td>
<td>250</td>
<td>17</td>
</tr>
<tr>
<td>16-SBFW</td>
<td>16-SBFB</td>
<td>1</td>
<td>1.29</td>
<td>33</td>
<td>250</td>
<td>17</td>
</tr>
<tr>
<td>24-SBFW</td>
<td>24-SBFB</td>
<td>1-1/2</td>
<td>1.85</td>
<td>47</td>
<td>200</td>
<td>14</td>
</tr>
</tbody>
</table>

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
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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Nominal O.D.</th>
<th>Maximum Working Pressure 73°F/23°C</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Kg./73°F</th>
<th>Weight lbs./ft.</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural</td>
<td>Conductive</td>
<td>inch mm</td>
<td>inch mm psi bar</td>
<td>inch mm</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>04-SCW</td>
<td>04-SCB</td>
<td>1/4 6</td>
<td>.46 12 1,500 104</td>
<td>3/4 19</td>
<td>28</td>
<td>.08 .11</td>
<td>PAGE</td>
</tr>
<tr>
<td>06-SCW</td>
<td>06-SCB</td>
<td>3/8 10</td>
<td>.54 14 1,500 104</td>
<td>1 25</td>
<td>28</td>
<td>.14 .21</td>
<td>PAGE</td>
</tr>
<tr>
<td>08-SCW</td>
<td>08-SCB</td>
<td>1/2 13</td>
<td>.72 18 1,500 104</td>
<td>1-1/2 38</td>
<td>28</td>
<td>.16 .23</td>
<td>PAGE</td>
</tr>
<tr>
<td>12-SCW</td>
<td>12-SCB</td>
<td>3/4 19</td>
<td>1.02 26 1,200 83</td>
<td>2 51</td>
<td>28</td>
<td>.27 .40</td>
<td>PAGE</td>
</tr>
<tr>
<td>16-SCW</td>
<td>16-SCB</td>
<td>1</td>
<td>1.31 33 1,000 69</td>
<td>2-1/2 64</td>
<td>28</td>
<td>.37 .55</td>
<td>PAGE</td>
</tr>
<tr>
<td>20-SCW</td>
<td>20-SCB</td>
<td>1-1/4 32</td>
<td>1.73 44 750 52</td>
<td>3 76</td>
<td>28</td>
<td>.46 .68</td>
<td>PAGE</td>
</tr>
<tr>
<td>24-SCW</td>
<td>24-SCB</td>
<td>1-1/2 38</td>
<td>1.93 49 650 45</td>
<td>3-3/4 95</td>
<td>28</td>
<td>.55 .81</td>
<td>PAGE</td>
</tr>
<tr>
<td>32-SCW</td>
<td>32-SCB</td>
<td>2</td>
<td>2.42 62 450 31</td>
<td>4-3/4 121</td>
<td>28</td>
<td>.90 1.4</td>
<td>PAGE</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Nominal O.D.</th>
<th>Maximum Working Pressure 73°F/23°C</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight lbs./ft.</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural</td>
<td>Conductive</td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi bar</td>
<td>inch mm</td>
<td>inch lbs./ft.</td>
<td>kg/mtr.</td>
</tr>
<tr>
<td>04-PCW</td>
<td>1/4</td>
<td>6 .55</td>
<td>14 350</td>
<td>3/4 19</td>
<td>28 .03 .05</td>
<td>PAGE</td>
<td></td>
</tr>
<tr>
<td>06-PCW</td>
<td>3/8</td>
<td>10 .64</td>
<td>16 350</td>
<td>1 25</td>
<td>28 .06 .09</td>
<td>PAGE</td>
<td></td>
</tr>
<tr>
<td>08-PCW</td>
<td>1/2</td>
<td>13 .84</td>
<td>21 300</td>
<td>1-1/2 38</td>
<td>28 .15 .22</td>
<td>PAGE</td>
<td></td>
</tr>
<tr>
<td>12-PCW</td>
<td>3/4</td>
<td>19 1.15</td>
<td>29 250</td>
<td>2 51</td>
<td>28 .18 .27</td>
<td>PAGE</td>
<td></td>
</tr>
<tr>
<td>16-PCW</td>
<td>1</td>
<td>25 1.50</td>
<td>38 250</td>
<td>2-1/2 64</td>
<td>28 .26 .39</td>
<td>PAGE</td>
<td></td>
</tr>
<tr>
<td>20-PCW</td>
<td>1-1/4</td>
<td>32 1.92</td>
<td>49 200</td>
<td>3 76</td>
<td>28 .37 .55</td>
<td>PAGE</td>
<td></td>
</tr>
<tr>
<td>24-PCW</td>
<td>1-1/2</td>
<td>38 2.12</td>
<td>54 200</td>
<td>3-3/4 95</td>
<td>28 .42 .63</td>
<td>PAGE</td>
<td></td>
</tr>
<tr>
<td>32-PCW</td>
<td>2</td>
<td>51 2.65</td>
<td>67 200</td>
<td>4-3/4 121</td>
<td>28 .56 .83</td>
<td>PAGE</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

### 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

### Specifications Table

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Nominal O.D.</th>
<th>Maximum Working Pressure 73°F/23°C</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight lbs./ft.</th>
<th>Weight kg./mtr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>08-SCWV</td>
<td>1/2</td>
<td>0.75</td>
<td>1.500</td>
<td>104</td>
<td>2</td>
<td>0.17</td>
<td>0.26</td>
</tr>
<tr>
<td>12-SCWV</td>
<td>3/4</td>
<td>1.04</td>
<td>1.200</td>
<td>83</td>
<td>2-3/4</td>
<td>0.33</td>
<td>0.49</td>
</tr>
<tr>
<td>16-SCWV</td>
<td>1</td>
<td>1.25</td>
<td>1.000</td>
<td>69</td>
<td>4</td>
<td>0.37</td>
<td>0.55</td>
</tr>
<tr>
<td>20-SCWV</td>
<td>1-1/4</td>
<td>1.66</td>
<td>0.750</td>
<td>52</td>
<td>5-1/2</td>
<td>0.56</td>
<td>0.83</td>
</tr>
<tr>
<td>24-SCWV</td>
<td>1-1/2</td>
<td>1.92</td>
<td>0.650</td>
<td>45</td>
<td>7</td>
<td>0.64</td>
<td>0.95</td>
</tr>
<tr>
<td>32-SCWV</td>
<td>2</td>
<td>2.49</td>
<td>0.450</td>
<td>31</td>
<td>8-1/2</td>
<td>0.84</td>
<td>1.24</td>
</tr>
<tr>
<td>40-SCWV</td>
<td>2-1/2</td>
<td>3.25</td>
<td>0.200</td>
<td>200</td>
<td>14</td>
<td>1.52</td>
<td>2.26</td>
</tr>
<tr>
<td>48-SCWV</td>
<td>3</td>
<td>3.80</td>
<td>0.175</td>
<td>12</td>
<td>14</td>
<td>1.82</td>
<td>2.71</td>
</tr>
<tr>
<td>64-SCWV</td>
<td>4</td>
<td>4.76</td>
<td>0.150</td>
<td>10</td>
<td>16</td>
<td>2.10</td>
<td>3.13</td>
</tr>
</tbody>
</table>

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

### 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

### 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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Nominal O.D.</th>
<th>Maximum Working Pressure 73°F/23°C</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight lbs./ft.</th>
<th>kg./mtr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural</td>
<td>Conductive</td>
<td>inch mm</td>
<td>inch mm</td>
<td>psi bar</td>
<td>inch mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>08-PCW</td>
<td>08-PCBV</td>
<td>1/2</td>
<td>.81 21</td>
<td>300 21</td>
<td>3 76</td>
<td>28 .14</td>
<td>.20</td>
</tr>
<tr>
<td>12-PCW</td>
<td>12-PCBV</td>
<td>3/4</td>
<td>1.30 33</td>
<td>250 17</td>
<td>3 1/2 89</td>
<td>28 .22</td>
<td>.32</td>
</tr>
<tr>
<td>16-PCW</td>
<td>16-PCBV</td>
<td>1</td>
<td>1.44 36</td>
<td>250 17</td>
<td>4 1/2 114</td>
<td>28 .32</td>
<td>.47</td>
</tr>
<tr>
<td>20-PCW</td>
<td>20-PCBV</td>
<td>1-1/4</td>
<td>1.86 47</td>
<td>200 14</td>
<td>5 127</td>
<td>28 .40</td>
<td>.59</td>
</tr>
<tr>
<td>24-PCW</td>
<td>24-PCBV</td>
<td>1-1/2</td>
<td>2.10 53</td>
<td>200 14</td>
<td>6 152</td>
<td>28 .49</td>
<td>.73</td>
</tr>
<tr>
<td>32-PCW</td>
<td>32-PCBV</td>
<td>2</td>
<td>2.66 68</td>
<td>200 14</td>
<td>8-1/2 216</td>
<td>28 .66</td>
<td>.99</td>
</tr>
<tr>
<td>40-PCW</td>
<td>40-PCBV</td>
<td>2-1/2</td>
<td>3.57 91</td>
<td>150 10</td>
<td>12 305</td>
<td>28 1.21</td>
<td>1.80</td>
</tr>
<tr>
<td>48-PCW</td>
<td>48-PCBV</td>
<td>3</td>
<td>3.92 100</td>
<td>125 9</td>
<td>14 356</td>
<td>28 1.45</td>
<td>2.16</td>
</tr>
<tr>
<td>64-PCW</td>
<td>64-PCBV</td>
<td>4</td>
<td>4.92 125</td>
<td>100 7</td>
<td>16 406</td>
<td>28 1.68</td>
<td>2.50</td>
</tr>
</tbody>
</table>

### 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

**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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Nominal O.D.</th>
<th>Maximum Working Pressure at 73°F/23°C</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight lbs./ft.</th>
<th>kg./mtr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#</td>
<td>#</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>bar</td>
</tr>
<tr>
<td>Natural</td>
<td>Conductive</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>08-SCWV-FS</td>
<td>08-SCBV-FS</td>
<td>1/2</td>
<td>13</td>
<td>.75</td>
<td>19</td>
<td>500</td>
<td>35</td>
</tr>
<tr>
<td>16-SCWV-FS</td>
<td>16-SCBV-FS</td>
<td>1</td>
<td>25</td>
<td>1.25</td>
<td>32</td>
<td>350</td>
<td>24</td>
</tr>
<tr>
<td>20-SCWV-FS</td>
<td>20-SCBV-FS</td>
<td>1-1/4</td>
<td>32</td>
<td>1.66</td>
<td>42</td>
<td>325</td>
<td>22</td>
</tr>
<tr>
<td>24-SCWV-FS</td>
<td>24-SCBV-FS</td>
<td>1-1/2</td>
<td>38</td>
<td>1.92</td>
<td>49</td>
<td>300</td>
<td>21</td>
</tr>
<tr>
<td>32-SCWV-FS</td>
<td>32-SCBV-FS</td>
<td>2</td>
<td>51</td>
<td>2.49</td>
<td>63</td>
<td>250</td>
<td>17</td>
</tr>
<tr>
<td>40-SCWV-FS</td>
<td>40-SCBV-FS</td>
<td>2-1/2</td>
<td>64</td>
<td>3.25</td>
<td>83</td>
<td>200</td>
<td>14</td>
</tr>
<tr>
<td>48-SCWV-FS</td>
<td>48-SCBV-FS</td>
<td>3</td>
<td>76</td>
<td>3.80</td>
<td>97</td>
<td>175</td>
<td>12</td>
</tr>
<tr>
<td>64-SCWV-FS</td>
<td>64-SCBV-FS</td>
<td>4</td>
<td>102</td>
<td>4.76</td>
<td>121</td>
<td>150</td>
<td>10</td>
</tr>
</tbody>
</table>

**Fittings**
PAGE Fittings – pg. E-91

**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
PCWV-FS/PCBV-FS - Flare-Seal® Polypropylene Braid

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
- 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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Nominal O.D.</th>
<th>Maximum Working Pressure 73°F/23°C</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./73°F</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Natural</td>
<td>Conductive</td>
<td>inch mm</td>
<td>inch mm</td>
<td>inch mm</td>
<td>lbs./ft. kg./mtr.</td>
</tr>
<tr>
<td>08-PCW-FS</td>
<td>1/2</td>
<td>13</td>
<td>.810 21</td>
<td>3 76</td>
<td>28</td>
<td>.14 .20</td>
</tr>
<tr>
<td>12-PCW-FS</td>
<td>3/4</td>
<td>19</td>
<td>1.10 28</td>
<td>3-1/2 89</td>
<td>28</td>
<td>.22 .32</td>
</tr>
<tr>
<td>16-PCW-FS</td>
<td>1</td>
<td>25</td>
<td>1.44 36</td>
<td>4-1/2 114</td>
<td>28</td>
<td>.31 .47</td>
</tr>
<tr>
<td>20-PCW-FS</td>
<td>1-1/4</td>
<td>32</td>
<td>1.86 47</td>
<td>5 127</td>
<td>28</td>
<td>.40 .59</td>
</tr>
<tr>
<td>24-PCW-FS</td>
<td>1-1/2</td>
<td>38</td>
<td>2.10 53</td>
<td>6 152</td>
<td>28</td>
<td>.49 .73</td>
</tr>
<tr>
<td>32-PCW-FS</td>
<td>2</td>
<td>51</td>
<td>2.66 68</td>
<td>8-1/2 216</td>
<td>28</td>
<td>.66 .99</td>
</tr>
<tr>
<td>40-PCW-FS</td>
<td>2-1/2</td>
<td>64</td>
<td>3.42 87</td>
<td>10 12 305</td>
<td>28</td>
<td>1.21 1.80</td>
</tr>
<tr>
<td>48-PCW-FS</td>
<td>3</td>
<td>76</td>
<td>3.92 100</td>
<td>14 14 356</td>
<td>28</td>
<td>1.45 2.16</td>
</tr>
<tr>
<td>64-PCW-FS</td>
<td>4</td>
<td>102</td>
<td>4.92 125</td>
<td>16 406</td>
<td>28</td>
<td>1.68 2.50</td>
</tr>
</tbody>
</table>

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

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
RCTW/RCTB EPDM Rubber Covered Fluoropolymer Hose

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

Complies with:
- 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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Nominal I.D.</th>
<th>Nominal O.D.</th>
<th>Maximum Working Pressure @73°F/23°C</th>
<th>Minimum Bend Radius</th>
<th>Vac. Rating Hg./°F</th>
<th>Weight</th>
<th>Permanent Fitting Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>Natural</td>
<td>Conductive</td>
<td>inch</td>
<td>mm</td>
<td>inch</td>
<td>mm</td>
<td>psi</td>
<td>bar</td>
</tr>
<tr>
<td>08-RCTW</td>
<td>08-RCTB</td>
<td>1/2</td>
<td>.95</td>
<td>.95</td>
<td>13</td>
<td>24</td>
<td>500</td>
</tr>
<tr>
<td>12-RCTW</td>
<td>12-RCTB</td>
<td>3/4</td>
<td>1.25</td>
<td>1.25</td>
<td>19</td>
<td>32</td>
<td>500</td>
</tr>
<tr>
<td>16-RCTW</td>
<td>16-RCTB</td>
<td>1</td>
<td>1.53</td>
<td>1.53</td>
<td>25</td>
<td>39</td>
<td>450</td>
</tr>
<tr>
<td>20-RCTW</td>
<td>20-RCTB</td>
<td>1-1/4</td>
<td>1.74</td>
<td>1.74</td>
<td>32</td>
<td>44</td>
<td>375</td>
</tr>
<tr>
<td>24-RCTW</td>
<td>24-RCTB</td>
<td>1-1/2</td>
<td>2.13</td>
<td>2.13</td>
<td>38</td>
<td>54</td>
<td>375</td>
</tr>
<tr>
<td>32-RCTW</td>
<td>32-RCTB</td>
<td>2</td>
<td>2.68</td>
<td>2.68</td>
<td>51</td>
<td>68</td>
<td>300</td>
</tr>
<tr>
<td>40-RCTW</td>
<td>40-RCTB</td>
<td>2-1/2</td>
<td>3.30</td>
<td>3.30</td>
<td>64</td>
<td>84</td>
<td>200</td>
</tr>
<tr>
<td>48-RCTW</td>
<td>48-RCTB</td>
<td>3</td>
<td>3.88</td>
<td>3.88</td>
<td>76</td>
<td>99</td>
<td>200</td>
</tr>
<tr>
<td>64-RCTW</td>
<td>64-RCTB</td>
<td>4</td>
<td>4.98</td>
<td>4.98</td>
<td>102</td>
<td>127</td>
<td>150</td>
</tr>
</tbody>
</table>

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

Fittings
- PAGE Fittings - pg. E-91
- Uses crimp collar RC300, 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
- 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.