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### Chemical Hose Selector Guide – by application

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<td>PVC banding coil</td>
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**NOTE:** This is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. Refer to product pages for specific data. Contact Parker for additional information.

See the following page for the Hose Selector Guide by industry standard. Refer to pages 9-10 for a complete listing of industry standards.

See pages ii through iv for an index of all product series by series number and pages v through xv for an index by application and by series name.

Due to continual product improvements, Parker reserves the right to alter specifications without prior notice.
## Hose Selector Guide – by industry standard

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**NOTE:** This is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. Refer to product pages for specific data. Contact Parker for additional information.

See the previous page for the Hose Selector Guide by application. Refer to pages 9-10 for a complete listing of industry standards.

See pages ii through iv for an index of all product series by series number and pages v through xv for an index by application and by series name.
BLUE THUNDER®
UHMWPE Chemical Hose
Series 7373T

Series 7373T is a high pressure, high temperature suction and discharge hose designed to handle approximately 98% of commonly used acids, chemicals and solvents. The ultra high molecular weight polyethylene (UHMWPE) tube will not leach into and contaminate the product being conveyed, and features a temperature rating to 250°F (121°C). The corrugated hose construction incorporates a dual wire helix that provides full suction capability, kink resistance, flexibility for ease of handling, and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone. Series 7373T is available in 200-foot continuous lengths.

NOTE: Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube: Translucent ultra high molecular weight polyethylene (UHMWPE)
Reinforcement: Multiple textile plies with dual wire helix
Cover: Blue EPDM; corrugated wrapped finish
Temp. Range: -40°F to +250°F (-40°C to +121°C)
Brand Method: Yellow text on blue stripe
Brand Example: PARKER SERIES 7373T BLUE THUNDER® UHMWPE TUBE MAX WP 200 PSI MADE IN USA (LOT#)
Design Factor: 4:1
Industry Standards: None applicable
Applications: • Acid, chemicals, solvents
• In-plant and storage tank transfer
• Delivery, transport
Vacuum: Full
Compare to: Boston Chemcat; Gates Renegade; Veyance Fabchem
Packaging: Coils

(Continued on the following page)
### Series 7373T Hose – Blue Thunder® UHMWPE Chemical Hose (Continued)

| Part Number | ID (in) | ID (mm) | Reinf Plies | OD (in) | OD (mm) | Approx Wt (lbs/ft) | Approx Wt (kg/ft) | Min Bend Rad (in) | Min Bend Rad (mm) | Max Rec WP (psi) | Max Rec WP (bar) | Perm Cplg Rec * | Std Pack Qty (ft) | Stock Status ** |
|-------------|---------|---------|-------------|---------|---------|-------------------|-------------------|-----------------|-----------------|----------------|----------------|----------------|----------------|------------------|--------------|
| 7373T-750   | 3/4     | 19.1    | 2           | 1.193   | 30.3    | 0.40              | 0.18              | 3.0             | 76.2           | 200            | 13.8           | 43             | 100            | Y                |
| 7373T-1000  | 1       | 25.4    | 2           | 1.457   | 37.0    | 0.55              | 0.25              | 3.0             | 76.2           | 200            | 13.8           | 43             | 100            | Y                |
| 7373T-1250  | 1-1/4   | 31.8    | 2           | 1.700   | 43.2    | 0.64              | 0.29              | 4.0             | 101.6          | 200            | 13.8           | 43             | 100            | Y                |
| 7373T-1500  | 1-1/2   | 38.1    | 2           | 1.965   | 49.9    | 0.79              | 0.36              | 5.0             | 127.0          | 200            | 13.8           | 43             | 100            | Y                |
| 7373T-2000  | 2       | 50.8    | 2           | 2.560   | 65.0    | 1.27              | 0.58              | 6.0             | 152.4          | 200            | 13.8           | 43             | RE, RST, TM, WC | 100            | Y                |
| 7373T-2500  | 2-1/2   | 63.5    | 4           | 3.154   | 80.1    | 1.73              | 0.78              | 7.0             | 177.8          | 200            | 13.8           | *              | 100            | N                |
| 7373T-3000  | 3       | 76.2    | 4           | 3.645   | 92.6    | 2.12              | 0.96              | 7.0             | 177.8          | 200            | 13.8           | HAPS           | RE, RST, TM    | 100            | Y                |
| 7373T-4000  | 4       | 101.6   | 4           | 4.724   | 120.0   | 3.02              | 1.37              | 8.0             | 203.2          | 200            | 13.8           | HAPS           |                 | 100            | Y                |

* Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** Stock: “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.
TITANFLEX®
UHMWPE Chemical Hose
FDA, USDA, 3-A
Series SWC693

Series SWC693 is an extremely flexible, high pressure, high temperature suction and discharge hose designed to handle approximately 98% of commonly used acids, chemicals and solvents as well as food, pharmaceutical and sanitary materials. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth tube that will not impart taste or odor. The ultra high molecular weight polyethylene (UHMWPE) tube meets FDA, USDA and 3-A requirements and will not leach into and contaminate the product being conveyed. The lightweight corrugated hose construction incorporates a dual wire helix that provides full suction capability, superior kink resistance, minimal force-to-bend and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone.

NOTE: Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube: Translucent ultra high molecular weight polyethylene (UHMWPE)
Reinforcement: Multiple textile plies with dual wire helix
Cover: Green EPDM; corrugated wrapped finish
Temp. Range: -40°F to +250°F (-40°C to +121°C)
Brand Method: Black text on yellow stripe
Brand Example: PARKER SERIES SWC693 TITANFLEX® UHMWPE CHEMICAL SUCTION HOSE XXX PSI MADE IN USA
Design Factor: 4:1
Industry Standards: FDA, USDA, 3-A
Applications:
• Non-fatty and non-oily foods and liquids, potable water, sanitary products
• Acids, chemicals, solvents
• In-plant and tank transfer, delivery, transport
Vacuum: Full
Packaging: Coils

WARNINGS!
▼ It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
▼ At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
▼ Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.

(Continued on the following page)
Series SWC693 Hose – Titanflex® UHMWPE Chemical Hose (Continued)

| Part Number | ID (in) | ID (mm) | Reinf Plies | OD (in) | OD (mm) | Approx Wt (lbs/ft) | Approx Wt (kg/ft) | Min Bend Rad (in) | Min Bend Rad (mm) | Max Rec WP (psi) | Max Rec WP (bar) | Perm Cplg Rec * | Std Pack Qty (ft) | Stock Status ** |
|-------------|---------|---------|-------------|--------|---------|------------------|------------------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| SWC693-1000| 1       | 25.4    | 2           | 1.375  | 34.9    | 0.38             | 0.17             | 1.0             | 25.4           | 250            | 17.2           | HAPS           | 100            | Y              |
| SWC693-1250| 1-1/4   | 31.8    | 2           | 1.625  | 41.3    | 0.48             | 0.22             | 1.3             | 33.0           | 250            | 17.2           | *              | 100            | N              |
| SWC693-1500| 1-1/2   | 38.1    | 2           | 1.875  | 47.8    | 0.62             | 0.28             | 1.5             | 38.1           | 250            | 17.2           | HAPS           | 100            | N              |
| SWC693-2000| 2       | 50.8    | 2           | 2.438  | 61.9    | 0.93             | 0.42             | 2.0             | 50.8           | 250            | 17.2           | HAPS           | 100            | Y              |
| SWC693-3000| 3       | 76.2    | 2           | 3.438  | 87.3    | 1.45             | 0.66             | 4.5             | 114.3          | 200            | 13.8           | *              | 100            | Y              |
| SWC693-4000| 4       | 101.6   | 2           | 4.500  | 114.3   | 2.17             | 0.98             | 8.0             | 203.2          | 200            | 13.8           | *              | 100            | Y              |

* **Couplings**: Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

** Stock**: “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.
SPARTAN™
UHMWPE Chemical Hose
Series SW593

Series SW593 is a lightweight, high pressure, high temperature suction and discharge hose designed to handle approximately 98% of commonly used acids, chemicals and solvents. The ultra high molecular weight polyethylene (UHMWPE) tube will not leach into and contaminate the product being conveyed. The hose construction incorporates a dual wire helix that provides full suction capability, kink resistance, flexibility for ease of handling, and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone.

**NOTE:** Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

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<th>Approx Wt (kg/ft)</th>
<th>Min Bend Rad (in)</th>
<th>Max Rec WP (psi)</th>
<th>Max Rec WP (bar)</th>
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* Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.
** Stock: “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**WARNINGS!**
- It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
- Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.

Parker Industrial Hose Customer Service
866 810 HOSE (4673) 800 242 HOSE (4673)
Strongsville, OH South Gate, CA
Eastern USA Western USA
www.safehose.com e-mail: indhose@parker.com

Shop online at www.airlinehyd.com

800-999-7378
POLY-CHEM®
XLPE Corrugated Chemical Hose
Series 7274

Series 7274 is a flexible suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The cross-linked polyethylene (XLPE) tube will not leach into and contaminate the product being conveyed. The corrugated hose construction incorporates a wire helix that provides full suction capability, flexibility, kink resistance and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone. Series 7274 is available in 200-foot continuous lengths.

**NOTE:** Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

**Tube:** Translucent cross-linked polyethylene (XLPE)

**Reinforcement:** Multiple textile plies with dual wire helix

**Cover:** Green EPDM; corrugated wrapped finish

**Temp. Range:** -20°F to +160°F (-29°C to +71°C)

**Brand Method:** Green text on yellow stripe

**Brand Example:** PARKER SERIES 7274 CORRUGATED POLY-CHEM® 200 PSI MAX WP MADE IN USA (LOT#)

**Design Factor:** 4:1

**Industry Standards:** None applicable

**Applications:**
- Acids, chemicals, solvents
- In-plant tank transfer
- Delivery, transport

**Vacuum:** Full

**Compare to:** Boston Panther Chemical Transfer; Veyance Blue Flexwing

**Packaging:** Coils

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<th>Part Number</th>
<th>ID (in)</th>
<th>OD (in)</th>
<th>OD (mm)</th>
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<th>Approx Wt (kg/ft)</th>
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<th>Min Bend Rad (mm)</th>
<th>Max Rec WP (psi)</th>
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| 7274-2002   | 2       | 50.8    | 2       | 2.519           | 65.2            | 1.14            | 0.52            | 6.0             | 152.4         | 200           | 13.8         | 43, RE, RST, TM, WC 100 Y
| 7274-2502   | 2-1/2   | 63.5    | 4       | 3.086           | 78.4            | 1.58            | 0.72            | 7.0             | 177.8         | 200           | 13.8         | * 100 N       |
| 7274-3002   | 3       | 76.2    | 4       | 3.580           | 90.9            | 1.91            | 0.87            | 7.0             | 177.8         | 200           | 13.8         | RE, RST, TM 100 Y
| 7274-4002   | 4       | 101.6   | 4       | 4.710           | 119.6           | 2.85            | 1.29            | 8.0             | 203.2         | 200           | 13.8         | * 100 N       |

* Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

**Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**WARNINGS!**
- It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
- Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.
**POLY-CHEM®**  
**XLPE Chemical Hose**  
**Series 7276**

Series 7276 is a suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The cross-linked polyethylene (XLPE) tube will not leach into and contaminate the product being conveyed. The hose construction incorporates a wire helix that provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone. Series 7276 is available in 200-foot continuous lengths.

**NOTE:** Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

**Tube:** Translucent cross-linked polyethylene (XLPE)

**Reinforcement:** Multiple textile plies with dual wire helix

**Cover:** Green EPDM; wrapped finish

**Temp. Range:** -20°F to +160°F (-29°C to +71°C)

**Brand Method:** Green text on yellow stripe

**Brand Example:** PARKER SERIES 7276 POLY-CHEM® HOSE 200 PSI MAX WP MADE IN USA (LOT#)

**Vacuum:** Full

**Compare to:** Boston Panther Chemical Transfer; Veyance Blue Flexwing

**Part Number** | ID (in) | ID (mm) | Reinf Pli es | OD (in) | OD (mm) | Approx Wt (lbs/ft) | Approx Wt (kg/ft) | Min Bend Rad (in) | Min Bend Rad (mm) | Max Rec WP (psi) | Max Rec WP (bar) | Perm Cplg Rec | Std Pack Qty (ft) | Stock Status **
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
7276-752 | 3/4 | 19.1 | 2 | 1.250 | 31.8 | 0.45 | 0.20 | 3.0 | 76.2 | 200 | 13.8 | 43 | 100 | Y
7276-1002 | 1 | 25.4 | 2 | 1.475 | 37.5 | 0.56 | 0.25 | 4.0 | 101.6 | 200 | 13.8 | 43 | 100 | Y
7276-1252 | 1-1/4 | 31.8 | 2 | 1.715 | 43.6 | 0.65 | 0.29 | 5.0 | 127.0 | 200 | 13.8 | 43 | 100 | Y
7276-1502 | 1-1/2 | 38.0 | 2 | 2.000 | 50.8 | 0.90 | 0.41 | 6.0 | 152.4 | 200 | 13.8 | 43 | 100 | Y
7276-2002 | 2 | 50.8 | 2 | 2.567 | 65.2 | 1.32 | 0.60 | 8.0 | 203.2 | 200 | 13.8 | 43, HAPS, RE, RST, TM, WC | 100 | Y
7276-3002 | 3 | 76.2 | 4 | 3.606 | 91.6 | 2.10 | 0.95 | 12.0 | 304.8 | 200 | 13.8 | RE, RST, TM | 100 | Y
7276-4002 | 4 | 101.6 | 4 | 4.700 | 119.4 | 2.99 | 1.36 | 16.0 | 406.4 | 200 | 13.8 | * | 100 | N

* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

**Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**WARNINGS!**

- It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
- Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.
TITANFLEX®
Modified XLPE Chemical Hose
Series SWC683 (Black) and
Series SWC683G (Green)

Series SWC683/SWC683G is a flexible, lightweight, high pressure, high temperature suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The modified cross-linked polyethylene (MXLPE) tube will not leach into and contaminate the product being conveyed, and features a temperature rating to 250°F (121°C). Series SWC683/SWC683G can be cleaned with a 10% alkali bath, hot water or low pressure steam. The corrugated hose construction incorporates a dual wire helix that provides full suction capability, flexibility, kink resistance and a path to conduct a static electrical charge to ground, and is suitable for use with internally expanded couplings. The cover is resistant to abrasion, mild chemicals and ozone.

NOTE: Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube: Tan modified cross-linked polyethylene (MXLPE)
Reinforcement: Multiple textile plies with dual wire helix
Cover: SWC683: Black EPDM, corrugated wrapped finish
          SWC683G: Green EPDM, corrugated wrapped finish
Temp. Range: -40°F to +250°F (-40°C to +121°C)
Brand Method: Red text on yellow stripe
Brand Example: PARKER SERIES SWC683 (SWC683G) TITANFLEX®
               MOD XLPE CHEMICAL SUCTION XXX PSI WP MADE IN USA
Design Factor: 4:1
Industry Standards: None applicable
Applications: • Acid, chemicals, solvents
              • In-plant tank transfer
              • Delivery, transport
Vacuum: Full
Compare To: Gates Mustang
Packaging: Coils

(Continued on the following page)

⚠️ WARNINGS! ⚠️

- It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
## Series SWC683 (Black)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>ID (in)</th>
<th>ID (mm)</th>
<th>Reinf Plies</th>
<th>OD (in)</th>
<th>OD (mm)</th>
<th>Approx Wt (lbs/ft)</th>
<th>Approx Wt (kg/ft)</th>
<th>Min Bend Rad (in)</th>
<th>Min Bend Rad (mm)</th>
<th>Max Rec WP (psi)</th>
<th>Max Rec WP (bar)</th>
<th>Perm Cplg Rec</th>
<th>Std Pack Qty (ft)</th>
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<td>Y</td>
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<td>17.2</td>
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<td>2</td>
<td>2.563</td>
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<td>1.05</td>
<td>0.48</td>
<td>4.0</td>
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<td>3.015</td>
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<td>6.0</td>
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<td>*</td>
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* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

**Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

## Series SWC683G (Green)

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<th>ID (mm)</th>
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<th>OD (mm)</th>
<th>Approx Wt (lbs/ft)</th>
<th>Approx Wt (kg/ft)</th>
<th>Min Bend Rad (in)</th>
<th>Min Bend Rad (mm)</th>
<th>Max Rec WP (psi)</th>
<th>Max Rec WP (bar)</th>
<th>Perm Cplg Rec</th>
<th>Std Pack Qty (ft)</th>
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<td>5.0</td>
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* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

**Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.
RELIAMAX™
Modified XLPE Crush Resistant Corrugated Chemical Hose
Series SMC683

Series SMC683 is an extremely flexible, high pressure, high temperature suction and discharge hose design to handle many commonly used acids, chemicals and solvents. The modified cross-linked polyethylene (MXLPE) tube will not leach into and contaminate the product being conveyed, and features a temperature rating to 250°F (121°C). The lightweight corrugated hose construction incorporates a dual monofilament helix that provides full suction capability with superior crush and kink resistance—allowing the hose to return to its original shape—and flexibility, and is suitable for use with internally expanded couplings. The dual static wires provide a path to conduct an electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone.

NOTE: Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube: Tan modified cross-linked polyethylene (MXLPE)
Reinforcement: Multiple textile plies with dual monofilament helix and dual static wires
Cover: Black EPDM; corrugated wrapped finish
Temp. Range: -40°F to +250°F (-40°C to +121°C)
Brand Method: Black text on yellow stripe
Brand Example: PARKER SERIES SMC683 RELIAMAX™ CRUSH RESISTANT MOD XLPE CHEMICAL SUCTION HOSE 200 WP MADE IN USA

Design Factor: 4:1
Industry Standards: None applicable
Applications:
- Acid, chemicals, solvents
- In-plant tank transfer
- Delivery, transport
Vacuum: Full
Packaging: Coils

<table>
<thead>
<tr>
<th>Part Number</th>
<th>ID (in)</th>
<th>ID (mm)</th>
<th>Reinf Plies</th>
<th>OD (in)</th>
<th>OD (mm)</th>
<th>Approx Wt (lbs/ft)</th>
<th>Approx Wt (kg/ft)</th>
<th>Min Bend Rad (in)</th>
<th>Min Bend Rad (mm)</th>
<th>Max Rec WP (psi)</th>
<th>Max Rec WP (bar)</th>
<th>Perm Cplg Rec</th>
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<td>13.8</td>
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<td>N</td>
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</tbody>
</table>

* Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.
** Stock: “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

WARNINGS!
- It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.

Parker Industrial Hose Customer Service
866 810 HOSE (4673) 800 242 HOSE (4673)
Strongsville, OH South Gate, CA
Eastern USA Western USA
www.safehose.com
e-mail: indhose@parker.com

SHOP ONLINE at www.airlinehyd.com

800-999-7378
EXACT-CHEM™
Modified XLPE Chemical Hose
FDA, USDA, 3-A
Series SW383

Series SW383 is a high pressure, high temperature suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The hose construction incorporates a modified cross-linked polyethylene (MXLPE) tube that features a temperature rating to 180°F (82°C), meets FDA, USDA and 3-A requirements, and will not leach into and contaminate the product being conveyed. The dual wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground, and is suitable for use with internally expanded couplings. The cover is resistant to abrasion, mild chemicals and ozone.

**NOTE:** Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

**Tube:** Tan modified cross-linked polyethylene (MXLPE)
**Reinforcement:** Multiple textile plies with dual wire helix
**Cover:** Blue EPDM; wrapped finish
**Temp. Range:** -40°F to +180°F (-40°C to +82°C)
**Brand Method:** Blue text on yellow stripe
**Brand Example:** PARKER SERIES SW383 EXACT-CHEM™ MOD X-LINK HOSE XXX PSI WP MADE IN USA
**Design Factor:** 4:1
**Industry Standards:** FDA, USDA, 3-A

**Applications:**
- Non-fatty and non-oily foods and liquids, potable water, sanitary products
- Acid, chemicals, solvents
- In-plant and tank transfer, delivery, transport

**Vacuum:** Full
**Compare to:** Boston Panther Chemical Transfer; Gates Mustang 45HW; Veyance Blue Flexwing
**Packaging:** Coils

(Continued on the following page)

**WARNINGS!**
- It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
Series SW383 – Exact-Chem™ Modified XLPE Chemical Hose (Continued)

| Part Number | ID (in) | ID (mm) | Reinf Plies | OD (in) | OD (mm) | Approx Wt (lbs/ft) | Approx Wt (kg/ft) | Min Bend Rad (in) | Min Bend Rad (mm) | Max Rec WP (psi) | Max Rec WP (bar) | Perm Cplg Rec | Std Pack Qty (ft) | Stock Status ** |
|-------------|---------|---------|-------------|---------|---------|-------------------|-------------------|------------------|------------------|----------------|----------------|--------------|----------------|-----------------|----------------|
| SW383-1000  | 1       | 25.4    | 2           | 1.500   | 38.1    | 0.56             | 0.25             | 6.0              | 152.4           | 200            | 13.8          | *            | 100           | N               |
| SW383-1250  | 1-1/4   | 31.8    | 2           | 1.750   | 44.5    | 0.68             | 0.31             | 8.0              | 203.2           | 200            | 13.8          | *            | 100           | N               |
| SW383-1500  | 1-1/2   | 38.1    | 2           | 2.000   | 50.8    | 0.77             | 0.35             | 9.0              | 228.6           | 200            | 13.8          | *            | 100           | N               |
| SW383-2000  | 2       | 50.8    | 2           | 2.531   | 64.3    | 1.08             | 0.49             | 12.0             | 304.8           | 200            | 13.8          | *            | 100           | Y               |
| SW383-3000  | 3       | 76.2    | 2           | 3.656   | 92.9    | 2.02             | 0.92             | 18.0             | 457.2           | 150            | 10.3          | *            | 100           | Y               |
| SW383-4000  | 4       | 101.6   | 2           | 4.719   | 119.9   | 3.03             | 1.37             | 28.0             | 711.2           | 150            | 10.3          | *            | 100           | Y               |
| SW383-6000  | 6       | 152.4   | 2           | 6.813   | 173.0   | 5.90             | 2.68             | 42.0             | 1066.8          | 150            | 10.3          | *            | 100           | Y               |

* Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** Stock: “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.
**LIGHT-N-BRIGHT™ Modified XLPE Chemical Hose**

**External PVC Helix**

**Series SP483**

Series SP483 is an extremely flexible suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The modified cross-linked polyethylene (MXLPE) tube will not leach into and contaminate the product being conveyed. The lightweight hose construction incorporates a static wire as a path to conduct an electrical charge to ground, and the cover features an external PVC helix for full suction capability and superior abrasion, crush and kink resistance. Series SP100 banding coils are recommended for installation of couplings. Series XSP100 abrasion coils are available for maximum abrasion resistance along the entire length of the hose.

**NOTE:** Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

**Tube:** Tan modified cross-linked polyethylene (MXLPE)

**Reinforcement:** Multiple textile plies with static wire

**Cover:** Blue synthetic rubber with external orange PVC helix

**Temp. Range:** -40° to +180°F (-40°C to +82°C)

**Brand Method:** Not branded

**Design Factor:** 4:1

**Industry Standards:** None applicable

**Applications:**
- Acid, chemicals, solvents
- In-plant tank transfer
- Delivery, transport

**Vacuum:** Full

**Packaging:** Coils

**Couplings:** Requires SP100 Banding Coils

| Part Number | ID (in) | ID (mm) | Reinf Pies | OD (in) | OD (mm) | Approx Wt (lbs/ft) | Approx Wt (kg/ft) | Min Bend Rad (in) | Min Bend Rad (mm) | Max Rec WP (psi) | Max Rec WP (bar) | Perm Cplg Rec * | Std Pack Qty (ft) | Stock Status ** |
|-------------|--------|---------|------------|--------|---------|-------------------|-------------------|------------------|------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
| SP483-2000  | 2      | 50.8    | 2          | 3.00   | 76.2    | 1.23              | 0.56              | 16.0             | 406.4           | 150            | 10.3           | *              | 100            | N               |
| SP483-3000  | 3      | 76.2    | 2          | 4.00   | 101.6   | 1.76              | 0.80              | 24.0             | 609.6           | 150            | 10.3           | *              | 100            | N               |
| SP483-4000  | 4      | 101.6   | 2          | 5.00   | 127.0   | 2.30              | 1.04              | 28.0             | 711.2           | 150            | 10.3           | *              | 100            | N               |

* Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

**WARNINGs!**

- It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.

**Parker Industrial Hose Customer Service**

866 810 HOSE (4673) 800 242 HOSE (4673)
Strongsville, OH South Gate, CA
Eastern USA Western USA

www.safehose.com
e-mail: indhose@parker.com

800-999-7378
Orange PVC Banding Coil / PVC Abrasion Coil
Series SP100 / XSP100

Series SP100 is a rugged PVC coil that threads onto a complementary hose end to create a uniform banding area for coupling attachment. The coil fills the gaps between the loops of the outer PVC helix of the hose, providing an area for securing the banding clamp or ferrule. Series XSP100 threads onto the entire length of a complementary hose to protect it from abrasion and scuffs, helping to extend hose life in highly abrasive areas. Series SP100 and XSP100 are applied to Parker SP204, SP330, SP353 and SP483 hoses.

### SP100

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Hose ID (in)</th>
<th>Hose ID (mm)</th>
<th>Approx Wt (lbs/ft)</th>
<th>Approx Wt (kg/ft)</th>
<th>Turns</th>
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<tr>
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<td>2</td>
<td>50.8</td>
<td>0.19</td>
<td>0.09</td>
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<td>0.33</td>
<td>0.15</td>
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<td>Y</td>
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<tr>
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<td>101.6</td>
<td>0.46</td>
<td>0.21</td>
<td>10</td>
<td>Y</td>
</tr>
<tr>
<td>SP100-6000</td>
<td>6</td>
<td>152.4</td>
<td>1.02</td>
<td>0.46</td>
<td>16</td>
<td>Y</td>
</tr>
</tbody>
</table>

** Stock: “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Optional Colors: Gray, Green, Red, Sand Matte. Specify when ordering.

### XSP100

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Hose ID (in)</th>
<th>Hose ID (mm)</th>
<th>Approx Wt (lbs/ft)</th>
<th>Approx Wt (kg/ft)</th>
<th>Ft.</th>
<th>Stock Status **</th>
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<td>XSP100-3000</td>
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<td>76.2</td>
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<td>0.15</td>
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<td>N</td>
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<tr>
<td>XSP100-4000</td>
<td>4</td>
<td>101.6</td>
<td>0.46</td>
<td>0.21</td>
<td>100</td>
<td>N</td>
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<tr>
<td>XSP100-6000</td>
<td>6</td>
<td>152.4</td>
<td>1.02</td>
<td>0.46</td>
<td>100</td>
<td>N</td>
</tr>
</tbody>
</table>

** Stock: “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Optional Colors: Gray, Green, Red, Sand Matte. Specify when ordering.

Other colors available:
- Gray
- Green
- Red
- Sand Matte
**FEP Chemical Hose**

**FDA, USDA, 3-A**

**Series SW373**

Series SW373 is a premium quality high pressure, high temperature suction and discharge hose designed to handle approximately 99.5% of commonly used acids, chemicals and solvents, as well as food and sanitary materials. The fluorinated ethylene propylene (FEP) tube meets FDA, USDA and 3-A requirements, will not leach into and contaminate the product being conveyed, and features a temperature rating to 300°F (149°C). The hose construction incorporates a dual wire helix that provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone.

**NOTE:** Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

**Tube:** White fluorinated ethylene propylene (FEP)

**Reinforcement:** Multiple textile plies with dual wire helix

**Cover:** Yellow EPDM; wrapped finish

**Temp. Range:** -40° to +300°F (-40°C to +149°C)

**Brand Method:** Yellow text on red stripe

**Brand Example:** PARKER SERIES SW373 FEP HOSE MEETS FDA, 3-A & USDA REQUIREMENTS XXX PSI WP MADE IN USA

**Design Factor:** 4:1

**Industry Standards:** FDA, USDA, 3-A

**Applications:**
- Non-fatty and non-oily foods and liquids, potable water, sanitary products
- Acids, chemicals, solvents
- In-plant and tank transfer, delivery, transport

**Vacuum:** Full

**Packaging:** Coils

<table>
<thead>
<tr>
<th>Part Number</th>
<th>ID (in)</th>
<th>ID (mm)</th>
<th>Rein Pliess</th>
<th>OD (in)</th>
<th>OD (mm)</th>
<th>Approx Wt (lbs/ft)</th>
<th>Approx Wt (kg/ft)</th>
<th>Min Bend Rad (in)</th>
<th>Min Bend Rad (mm)</th>
<th>Max Rec WP (psi)</th>
<th>Max Rec WP (bar)</th>
<th>Perm Cplg Rec *</th>
<th>Std Pack Qty (ft)</th>
<th>Stock Status **</th>
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<tbody>
<tr>
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<td>12.7</td>
<td>2</td>
<td>0.969</td>
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<td>0.17</td>
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<td>0.25</td>
<td>8.0</td>
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<td>500</td>
<td>34.5</td>
<td>*</td>
<td>100</td>
<td>N</td>
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<td>SW373-1000</td>
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<td>2</td>
<td>1.531</td>
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<td>0.69</td>
<td>0.31</td>
<td>9.0</td>
<td>228.6</td>
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<td>2.125</td>
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<td>850</td>
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</table>

* Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

**Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**WARNINGS!**

- It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.

- At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
TITANFLEX®
FEP Chemical Hose
FDA, USDA, 3-A
Series SW574

Series SW574 is a flexible, lightweight, premium quality suction and discharge hose designed for use in high temperature, high pressure chemical and purity applications. The fluorinated ethylene propylene (FEP) tube is compatible with 99.5% of commonly used chemicals and solvents, as well as food, pharmaceutical and sanitary materials. The tube also has an elevated temperature rating of 300°F (149°C), will not leach into and contaminate the product being conveyed, and meets FDA, USDA and 3-A requirements.

The special construction incorporates a dual wire helix that provides full suction capability, superior force-to-bend and kink resistance and a path to conduct a static electrical charge to ground. The EPDM cover is resistant to abrasion, mild chemicals and ozone.

**NOTE:** Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

**Tube:** White fluorinated ethylene propylene (FEP)
**Reinforcement:** Multiple textile plies with dual wire helix
**Cover:** Blue EPDM; wrapped finish
**Temp. Range:** -40°F to +300°F (-40°C to +149°C)
**Brand Method:** Red text on yellow stripe
**Brand Example:** PARKER SERIES SW574 TITANFLEX® FEP CHEMICAL/FOOD QUALITY HOSE XXX PSI MEETS FDA/3-A/USDA REQUIREMENTS (3-A LOGO) MADE IN USA

**Design Factor:** 4:1
**Industry Standards:** FDA, USDA, 3-A
**Applications:**
- Non-fatty and non-oily foods and liquids, potable water, sanitary products
- Acids, chemicals, solvents
- In-plant and tank transfer, delivery, transport
**Vacuum:** Full
**Packaging:** Coils

(Continued on the following page)

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**WARNINGS!**

- It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
- At operating temperatures of 125°F (52°C) and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
- Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.
### Series SW574 – Titanflex® FEP Chemical Hose (Continued)

<table>
<thead>
<tr>
<th>Part Number</th>
<th>ID (in)</th>
<th>OD (mm)</th>
<th>Reinf Plies</th>
<th>OD (mm)</th>
<th>Approx Wt (lbs/ft)</th>
<th>Approx Wt (kg/ft)</th>
<th>Min Bend Rad (in)</th>
<th>Min Bend Rad (mm)</th>
<th>Max Rec WP (psi)</th>
<th>Max Rec WP (bar)</th>
<th>Perm Cplg Rec</th>
<th>Std Pack Qty (ft)</th>
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* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

** Stock: “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.
Anhydrous Ammonia Hose
Nylon Reinforced
Series 7262

Series 7262 is a lightweight anhydrous ammonia transfer hose. The hose construction incorporates corrosion resistant high tensile nylon braids for flexibility and kink resistance. The perforated cover is resistant to abrasion, mild chemicals and ozone, and the distinctive dual green stripes provide color-coded identification.

NOTES: • Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals.
• Contact Parker for additional chemical compatibility information, and for suitability for non-agricultural/industrial refrigeration applications.
• Do not use with LPG or natural gas.
• Series 7262 is a non-stock, seasonal product available only through Parker Certified Anhydrous Ammonia Hose Assembly Fabricators. Contact Parker for a referral.

Tube: Black EPDM
Reinforcement: Multiple textile braids
Cover: Black EPDM; perforated wrapped finish
Temp. Range: -40°F to +180°F (-40°C to +82°C)
Brand Method: Side 1: Embossed

Side 2: Two solid green stripes
Brand Example: PARKER SERIES 7262 NYLON ANHYDROUS AMMONIA - (YEAR) - REMOVE NO LATER THAN (YEAR +6) - 350 PSI MAX WP ARPM (BATCH CODE) CAUTION ANHYDROUS AMMONIA USE ONLY - (YEAR) - REMOVE NO LATER THAN (YEAR +6)

Design Factor: 5:1
Industry Standards: ARPM IP-14
Applications: • Anhydrous ammonia
• In-plant and tank transfer, transport and delivery; fertilizer dispensing
• Agriculture
Vacuum: Not recommended
Compare to: Goodall N2000
Packaging: Coils (bulk hose available only to Parker Certified Anhydrous Ammonia Hose Assembly Fabricators)

(Continued on the following page)

Warnings!
- Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
- Refer to the Safety and Technical section of this catalog for the proper use of this hose.
- For Anhydrous Ammonia use ONLY. Do not use in Liquid Petroleum Gas (LPG)/Propane or Natural Gas applications. Use only with couplings qualified by Parker. Do not use with couplings containing hidden o-rings such as male swivel couplings. For non-agricultural or refrigeration applications, contact Parker.
- Contact with Anhydrous Ammonia (NH3) will burn skin and is especially damaging to the eyes and lungs. This is true for its liquid and gaseous (vapor) state. Many accidents involving NH3 have occurred by using the wrong hose. NH3 hose must be specially compounded and constructed to handle the media. NEVER use a hose that is not designed for NH3 because it may fail very quickly and cause bodily injury or death. It is especially important to ensure that only Anhydrous Ammonia hose is recommended and used for this service. Refer to ARPM Publications IP-14 “Anhydrous Ammonia Hose, Specifications” and IP-11-2 “Anhydrous Ammonia Hose, Manual for Maintenance, Testing and Inspection.”
### Chemical Series 7262 – Anhydrous Ammonia Hose, Nylon Reinforced (Continued)

| Part Number | ID (in) | ID (mm) | Reinf Braids | OD (in) | OD (mm) | Approx Wt (lbs/ft) | Approx Wt (kg/ft) | Min Bend Rad (in) | Min Bend Rad (mm) | Max Rec WP (psi) | Max Rec WP (bar) | Perm Cplg Rec * | Std Pack Qty (ft) | Stock Status ** |
|-------------|---------|---------|--------------|---------|---------|--------------------|-------------------|------------------|------------------|----------------|----------------|----------------|----------------|----------------|---------------|
| 7262-502    | 1/2     | 12.7    | 2            | 0.950   | 24.1    | 0.25               | 0.11              | 5.0              | 127.0           | 350            | 24.1           | HY             | 50             | N             |
| 7262-752    | 3/4     | 19.1    | 2            | 1.250   | 31.8    | 0.38               | 0.17              | 8.0              | 203.2           | 350            | 24.1           | HY             | 50             | N             |
| 7262-1002   | 1       | 25.4    | 2            | 1.510   | 38.1    | 0.49               | 0.22              | 10.0             | 254.0           | 350            | 24.1           | HY             | 50             | N             |
| 7262-1252   | 1-1/4   | 31.8    | 2            | 1.781   | 45.2    | 0.61               | 0.28              | 12.0             | 304.8           | 350            | 24.1           | HY             | 50             | N             |
| 7262-1502K  | 1-1/2   | 38.1    | 2            | 2.030   | 51.6    | 0.73               | 0.33              | 14.0             | 355.6           | 350            | 24.1           | HY             | 43             | 50            |
| 7262-2003K  | 2       | 50.8    | 3            | 2.750   | 69.9    | 1.40               | 0.64              | 16.0             | 406.4           | 350            | 24.1           | HY             | 7661           | 50            |

* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

**Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**Hose Assemblies:** Available only from Parker Certified Anhydrous Ammonia Hose Assembly Fabricators.
Anhydrous Ammonia Hose
Stainless Steel Reinforced
Series 7261

Series 7261 is a premium anhydrous ammonia transfer hose. The hose construction incorporates corrosion resistant high tensile stainless steel and nylon braids for superior durability and service life. The perforated cover is resistant to abrasion, mild chemicals and ozone, and the distinctive silver stripe provides color-coded identification.

NOTES: • Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals.
• Contact Parker for additional chemical compatibility information, and for suitability for non-agricultural/industrial refrigeration applications.
• Do not use with LPG or natural gas.
• Series 7261 is a non-stock, seasonal product available only through Parker Certified Anhydrous Ammonia Hose Assembly Fabricators. Contact Parker for a referral.

Tube: Black EPDM
Reinforcement: One or multiple stainless steel braids and one textile braid
Cover: Black EPDM; perforated wrapped finish
Temp. Range: -40°F to +180°F (-40°C to +82°C)
Brand Method: Side 1: Embossed
Side 2: Solid silver stripe
Brand Example: PARKER SERIES 7261 SS ANHYDROUS AMMONIA - (YEAR) REMOVE NO LATER THAN (YEAR +7) - 350 PSI MAX WP ARPM (BATCH CODE) - CAUTION ANHYDROUS AMMONIA USE ONLY - (YEAR) REMOVE NO LATER THAN (YEAR +7)
Design Factor: 5:1
Industry Standards: ARPM IP-14
Applications: • Anhydrous ammonia
• In-plant and tank transfer, transport and delivery; fertilizer dispensing
• Agriculture
Vacuum: Not recommended
Compare to: Goodall N2595
Packaging: Coils (bulk hose available only to Parker Certified Anhydrous Ammonia Hose Assembly Fabricators)

(Continued on the following page)

⚠️ WARNINGS!
• Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
• Refer to the Safety and Technical section of this catalog for the proper use of this hose.
• For Anhydrous Ammonia use ONLY. Do not use in Liquid Petroleum Gas (LPG)/Propane or Natural Gas applications. Use only with couplings qualified by Parker. Do not use with couplings containing hidden o-rings such as male swivel couplings. For non-agricultural or refrigeration applications, contact Parker.
• Contact with Anhydrous Ammonia (NH₃) will burn skin and is especially damaging to the eyes and lungs. This is true for its liquid and gaseous (vapor) state. Many accidents involving NH₃ have occurred by using the wrong hose. NH₃ hose must be specially compounded and constructed to handle the media. NEVER use a hose that is not designed for NH₃ because it may fail very quickly and cause bodily injury or death. It is especially important to ensure that only Anhydrous Ammonia hose is recommended and used for this service. Refer to ARPM Publications IP-14 “Anhydrous Ammonia Hose, Specifications” and IP-11-2 “Anhydrous Ammonia Hose, Manual for Maintenance, Testing and Inspection.”
### Series 7261 – Anhydrous Ammonia Hose, Stainless Steel Reinforced (Continued)

| Part Number | ID (in) | ID (mm) | Reinf Braids | OD (in) | OD (mm) | Approx Wt (lbs/ft) | Approx Wt (kg/ft) | Min Bend Rad (in) | Min Bend Rad (mm) | Max Rec WP (psi) | Max Rec WP (bar) | Perm Cplg Rec * | Std Pack Qty | Stock Status ** |
|-------------|---------|----------|--------------|---------|---------|-------------------|------------------|-----------------|-----------------|----------------|----------------|----------------|---------------|---------------|-------------|
| 7261-1001   | 1       | 25.4     | 2            | 1.500   | 38.1    | 0.65              | 0.29             | 12.0            | 304.8          | 350            | 24.1           | 43, 7661       | 50            | N             |
| 7261-1252   | 1-1/4   | 31.8     | 2            | 1.781   | 45.2    | 0.85              | 0.39             | 16.5            | 419.1          | 350            | 24.1           | 43             | 50            | N             |
| 7261-1501K  | 1-1/2   | 38.1     | 2            | 2.030   | 51.6    | 1.02              | 0.46             | 20.0            | 508.0          | 350            | 24.1           | 43             | 50            | N             |
| 7261-2002K  | 2       | 50.8     | 3            | 2.625   | 66.7    | 1.61              | 0.73             | 25.0            | 635.0          | 350            | 24.1           | 7661           | 50            | N             |

* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**Hose Assemblies:** Available only from Parker Certified Anhydrous Ammonia Hose Assembly Fabricators.
Chemical

**THORO-SPRAY®**
High Pressure Chemical Spray Hose
Series 7180

Series 7180 is a high pressure spray hose designed to handle liquid fertilizers, herbicides, many common chemicals and water. The hose construction incorporates braided textile reinforcement for kink resistance and superior coupling retention. The cover is resistant to mild chemicals and weathering, and is non-marking for commercial and residential use.

**NOTE:** Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

**Tube:** Black nitrile

**Reinforcement:** Multiple textile braids

**Cover:** Green nitrile/PVC; wrapped finish

**Temp. Range:** -20°F to +180°F (-29°C to +82°C)

**Brand Method:** Black ink

**Brand Example:** PARKER SERIES 7180 THORO-SPRAY® HOSE XXX PSI MAX WP

**Design Factor:** 4:1

**Industry Standards:** None applicable

**Applications:**
- Fertilizers, pesticides
- Agricultural, commercial and residential sprayers
- Vacuum: Not recommended

**Packaging:** Reels

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<th>Part Number</th>
<th>ID (in)</th>
<th>OD (in)</th>
<th>OD (mm)</th>
<th>OD (mm)</th>
<th>Approx Wt (lbs/ft)</th>
<th>Approx Wt (kg/ft)</th>
<th>Min Bend Rad (in)</th>
<th>Min Bend Rad (mm)</th>
<th>Max Rec WP (psi)</th>
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* Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** Stock: "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

**WARNING!** It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
Paint Fluid Hose
Series 7108

Series 7108 is a medium pressure transfer hose designed to handle high aromatic content products such as ketone solvents, lacquers, paint thinners, oil-based and water-based paints and many common chemicals. The hose construction incorporates a nylon tube that will not leach into and contaminate the product being conveyed, and the robust aramid reinforcement provides kink resistance, strength and superior coupling retention. The cover is resistant to mild chemicals, oil and ozone.

NOTES: • Refer to the Safety and Technical section of this catalog for safety, handling and use information. Refer to the Chemical Guide section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.
• Do not use in high pressure paint spray applications.

Tube: Translucent nylon
Reinforcement: Multiple aramid plies
Cover: Black chloroprene; smooth finish
Temp. Range: 0°F to +200°F (-18°C to +93°C)
Brand Method: White ink
Brand Example: PARKER SERIES 7108 PAINT FLUID HOSE (ID) XXX PSI MAX WP MADE IN USA (DATE CODE)
Design Factor: 4:1
Industry Standards: None applicable
Applications: • Lacquers, light chemicals, paints, solvents, thinners
• Connector, mixing, transfer service
Vacuum: Not rated
Compare to: Boston Nyall; Gates 77B; Veyance NR Spray
Packaging: Reels

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<th>ID (in)</th>
<th>ID (mm)</th>
<th>Reinf Pliess</th>
<th>OD (in)</th>
<th>OD (mm)</th>
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* Couplings: Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.
** Stock: “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

WARNINGs!
▷ It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, reducing the ability of hose compounds to withstand them. Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, users are required to perform compatibility testing at the desired temperature.
▷ Do not use in high pressure paint spray applications requiring a statically conductive hose.