This QR tag enables you to see additional product and other content on the web using your mobile phone. You will need a QR reader to get started. Please visit www.mobile-barcodes.com/qr-code-software for more information and a list of QR code readers you can install at no cost.

WARNING – USER RESPONSIBILITY

FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

- This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.
- The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.
- To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

Parker Safety Guide

for Selecting and Using Hose, Tubing, Fittings and Related Accessories
Parker Publication No. 4400-B.1
Revised: November, 2007

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

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

Before selecting or using any Parker hose, fittings or related accessories, it is important that you read and follow the instructions in this Industrial Hose Catalog 4800, and the Parker Safety Guide for Selecting and Using Hose, Fittings and Related Accessories, Parker Publication No. 4400-B.1, November 2007 (refer to the Safety and Technical section of this catalog). Only hose from Parker’s Stratoflex Products Division is approved for in-flight aerospace applications.

Offer of Sale

Parker Hannifin Corporation, its subsidiaries or its authorized distributors hereby offer the items described in this document for sale. The provisions in the “Offer of Sale” stated on page 455 of this catalog govern this offer and its acceptance.

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### Steam Hose Selector Guide – by application

<table>
<thead>
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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.

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.
Series 7285 is a distinctive hose designed for long-lasting steam service—one of the toughest applications for hose, where the hot-cold/wet-dry cycling attacks rubber compounds externally as well as internally. The hose construction incorporates a premium, high-performance chlorobutyl tube which resists heat and popcorning, and a wire braid reinforcement for crush-resistant durability, kink resistance and a path to conduct a static electrical charge to ground. The EPDM cover resists abrasion, cracking, hardening and ozone, and the red/black barber pole cover provides color-coded identification from all angles and great distances. Series 7285 is qualified with Parker non-skive crimp couplings for easy and quick assembly fabrication as well as maintenance-free service.

**Tube:** Black chlorobutyl

**Reinforcement:** Multiple wire braids

**Cover:** Black and red EPDM in alternating spirals; perforated wrapped finish

**Temp. Range:** -20°F to +406°F saturated steam/+450°F superheated steam

(-29°C to +208°C saturated steam/+232°C superheated steam)

**Brand Method:** Embossed

**Brand Example:** PARKER SERIES 7285 DRAGON BREATH® II STEAM HOSE 250 PSI MAX WP (DATE CODE)

**Design Factor:** 10:1

**Industry Standards:** None applicable

**Applications:**
- Saturated and superheated steam
- Cleaning containment vessels and manufacturing equipment, cleaning and heating process equipment
- Manufacturing and processing plants, refineries

**Vacuum:** Not recommended

**Compare to:** Boston Concord Standard Steam—Spiral Stripe, Steam Slayer;
Goodall N2711 Inferno Steam

**Packaging:** Cartons

| 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 ** |
|-------------|---------|---------|--------------|--------|---------|-------------------|-------------------|------------------|------------------|----------------|----------------|----------------|----------------|-----------------|-----------------|
| 7285-502    | 1/2     | 12.7    | 2            | 1.031  | 26.2    | 0.50              | 0.23             | 7.0              | 177.8           | 250            | 17.2           | 70             | 50              | N               |
| 7285-752    | 3/4     | 19.1    | 2            | 1.284  | 32.6    | 0.64              | 0.29             | 9.5              | 241.3           | 250            | 17.2           | CS             | 50              | Y               |
| 7285-1002   | 1       | 25.4    | 2            | 1.546  | 39.3    | 0.81              | 0.37             | 12.0             | 304.8           | 250            | 17.2           | CS             | 50              | 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.

**WARNINGS!**

- Failure to properly inspect, maintain, test and use steam hose assemblies may result in property damage, personal injury or death. Refer to ARPM publication IP-11-1, “Guide for Use, Testing and Inspection of Steam Hose."
- Water changes to hot water and phases of steam when subjected to heat and pressure. The greater the pressure, the higher the temperature required to achieve and maintain a steam phase. If steam escapes, dangerous quantities of heat may be released very suddenly. Exposure to hot water, low pressure steam and high pressure steam may cause severe scalding or fatal burns.
- Use only hoses designated for steam service for steam applications.
- Prior to use with detergents or rust inhibitors, refer to the chemical guide in this catalog or contact Parker.
- Drain steam hose after each use to reduce the possibility of hose popcorning while in service.
- 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.
STEAM-LANCE® 250
EPDM Compact Steam Hose
Non-Skive E-Z Crimp
Series 7263C (Black) and Series 7264C (Red)

Series 7263C/7264C is a compact, slim profile hose for long-lasting steam service, one of the toughest applications for hose, where the hot-cold/wet-dry cycling attacks rubber compounds externally as well as internally. The hose construction incorporates an EPDM tube that resists heat and popcorning, and a wire braid reinforcement for crush-resistant durability, kink resistance and a path to conduct a static electrical charge to ground. The EPDM cover is resistant to abrasion, cracking, hardening and ozone; the red cover of 7264C provides color-coded identification. Series 7263C/7264C is qualified with Parker non-skive crimp couplings for easy and quick assembly fabrication as well as maintenance-free service.

Tube: Black EPDM
Reinforcement: Multiple wire braids
Cover: Black or red EPDM; perforated wrapped finish
Temp. Range: -20°F to +406°F saturated steam/+450°F superheated steam
(-29°C to +208°C saturated steam/+232°C superheated steam)
Brand Method: Embossed
Brand Example: PARKER SERIES (7263C) (7264C) STEAM-LANCE® E-Z CRIMP 250 PSI MAX WP MADE IN USA (DATE CODE)
Design Factor: 10:1
Industry Standards: None applicable
Applications: • Saturated and superheated steam
• Cleaning containment vessels and manufacturing equipment; cleaning and heating process equipment
• Manufacturing and processing plants, refineries
Vacuum: Not recommended
Compare to: Boston Concord 250; Gates 205MB Steam King;
Goodall N2576 Thermoflex; Thermoid Burstproof Regular;
Veyance Flexsteel 250 Steam
Packaging: Cartons

WARNING!
Failure to properly inspect, maintain, test and use steam hose assemblies may result in property damage, personal injury or death. Refer to ARPM publication IP-11-1, “Guide for Use, Testing and Inspection of Steam Hose.”
Water changes to hot water and phases of steam when subjected to heat and pressure. The greater the pressure, the higher the temperature required to achieve and maintain a steam phase. If steam escapes, dangerous quantities of heat may be released very suddenly. Exposure to hot water, low pressure steam and high pressure steam may cause severe scalding or fatal burns.
Use only hoses designated for steam service for steam applications.
Prior to use with detergents or rust inhibitors, refer to the chemical guide in this catalog or contact Parker.
Drain steam hose after each use to reduce the possibility of hose popcorning while in service.
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 7263C (Black) and Series 7264C (Red) – STEAM-LANCE® 250 EPDM Compact Steam Hose (Continued)

Series 7263C (Black) and Series 7264C (Red)

| Part Number | ID (in) | ID (mm) | Reinf Braid | 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) | 7263C Stock Status ** | 7264C Stock Status ** |
|-------------|--------|---------|-------------|--------|---------|-------------------|-------------------|------------------|-------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------|-------------------|
| 7263C or 7264C |        |         |             |        |         |                   |                   |                  |                   |                 |                 |                 |                 |                 |                   |                   |
| -502        | 1/2    | 12.7    | 2           | 0.950  | 24.1    | 0.37              | 0.17              | 7.0              | 177.8            | 250             | 17.2            | 71              | 50              | Y               | N                 |
| -752        | 3/4    | 19.1    | 2           | 1.200  | 30.5    | 0.47              | 0.21              | 9.0              | 228.6            | 250             | 17.2            | CS              | 50              | Y               | Y                 |
| -1002       | 1      | 25.4    | 2           | 1.467  | 37.3    | 0.63              | 0.29              | 12.0             | 304.8            | 250             | 17.2            | CS              | 50              | Y               | 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.
STEAM-LANCE® 250
EPDM Steam Hose
Series 7263(E) (Black) and Series 7264 (Red)

Series 7263(E)/7264 is a traditional hose designed for long-lasting steam service, one of the toughest applications for hose, where the hot/cold wet/dry cycling attacks rubber compounds externally as well as internally. The hose construction incorporates an EPDM tube that resists heat and popcorning, and a wire braid reinforcement for crush-resistant durability, kink resistance and a path to conduct a static electrical charge to ground. The EPDM cover is resistant to abrasion, cracking, hardening and ozone; the red cover of 7264 provides color-coded identification.

- **Tube:** Black EPDM
- **Reinforcement:** Multiple wire braids
- **Cover:** Black or red EPDM; perforated wrapped finish
- **Temp. Range:** -20°F to +406°F saturated steam/+450°F superheated steam (-29°C to +208°C saturated steam/+232°C superheated steam)
- **Brand Method:** Embossed
- **Brand Example:** PARKER SERIES (7263) (7264) STEAM-LANCE® 250 PSI MAX WP MADE IN USA (DATE CODE)
- **Design Factor:** 10:1
- **Industry Standards:** None applicable
- **Applications:**
  - Saturated and superheated steam
  - Cleaning containment vessels and manufacturing equipment; cleaning and heating process equipment
  - Manufacturing and processing plants, refineries
- **Vacuum:** Not recommended
- **Compare to:**
  - Boston Concord 250; Gates 205MB Steam King;
  - Goodall N2576 Thermoflex; Thermoid Burstproof Regular;
  - Veyance Flexsteel 250 Steam
- **Packaging:** Cartons; reels

(Continued on the following page)

**WARNINGS!**

- Failure to properly inspect, maintain, test and use steam hose assemblies may result in property damage, personal injury or death. Refer to ARPM publication IP-11-1, “Guide for Use, Testing and Inspection of Steam Hose.”
- Water changes to hot water and phases of steam when subjected to heat and pressure. The greater the pressure, the higher the temperature required to achieve and maintain a steam phase. If steam escapes, dangerous quantities of heat may be released very suddenly. Exposure to hot water, low pressure steam and high pressure steam may cause severe scalding or fatal burns.
- Use only hoses designated for steam service for steam applications.
- Prior to use with detergents or rust inhibitors, refer to the chemical guide in this catalog or contact Parker.
- Drain steam hose after each use to reduce the possibility of hose popcorning while in service.
- 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 7263(E) (Black) and Series 7264 (Red) – STEAM-LANCE® 250 EPDM Steam Hose (Continued)

### Series 7263(E) (Black)

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<th>OD (mm)</th>
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<th>Min Bend Rad (mm)</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](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 7264 (Red)

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<th>OD (mm)</th>
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<th>Min Bend Rad (in)</th>
<th>Min Bend Rad (mm)</th>
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</tbody>
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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.
DRAGON BREATH® 250 Oil Resistant Steam Hose
Series 7288

Series 7288 is a traditional oil resistant hose designed for long-lasting steam service, one of the toughest applications for hose, where the hot/cold wet/dry cycling attacks rubber compounds externally as well as internally. The hose construction incorporates an EPDM tube that resists heat and popcorning, and a wire braid reinforcement for crush-resistant durability, kink resistance and a path to conduct a static electrical charge to ground. The red chloroprene cover is resistant to weathering and oil—an important criteria for oil refineries and petrochemical plants—and provides color-coded identification.

**Tube:** Black EPDM

**Reinforcement:** Multiple wire braids

**Cover:** ARPM Class B oil resistant red chloroprene; perforated wrapped finish

**Temp. Range:** -20°F to +406°F saturated steam/+450°F superheated steam
(-29°C to +208°C saturated steam/+232°C superheated steam)

**Brand Method:** Embossed

**Brand Example:** PARKER SERIES 7288 DRAGON BREATH® STEAM HOSE 250 PSI MAX WP OIL RESISTANT MADE IN USA (DATE CODE)

**Design Factor:** 10:1

**Industry Standards:** ARPM Class B oil resistant cover

**Applications:**
- Saturated and superheated steam
- Cleaning containment vessels and manufacturing equipment; cleaning and heating process equipment
- Manufacturing and processing plants, refineries

**Vacuum:** Not recommended

**Compare to:**
- Boston Concord 250 OR; Gates 232MB Steam Queen;
- Thermoid Burstproof Oil Resistant; Veyance Flexsteel 250 ORS

**Packaging:** Cartons; Reels

| 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 ** |
|-------------|--------|---------|-------------|--------|--------|-----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------|
| 7288-502    | 1/2    | 12.7    | 2           | 1.031  | 26.2   | 0.52            | 0.24            | 7.0            | 177.8          | 250            | 17.2           | 43             | 50             | Y             |
| 7288-502A   | 1/2    | 12.7    | 2           | 1.031  | 26.2   | 0.52            | 0.24            | 7.0            | 177.8          | 250            | 17.2           | 43             | 500            | N             |
| 7288-752    | 3/4    | 19.1    | 2           | 1.343  | 34.1   | 0.73            | 0.33            | 9.5            | 241.3          | 250            | 17.2           | CS, 43         | 50             | Y             |
| 7288-752A   | 3/4    | 19.1    | 2           | 1.343  | 34.1   | 0.73            | 0.33            | 9.5            | 241.3          | 250            | 17.2           | CS, 43         | 500            | N             |
| 7288-1002   | 1      | 25.4    | 2           | 1.594  | 40.5   | 0.90            | 0.41            | 12.0           | 304.8          | 250            | 17.2           | CS, 43         | 50             | N             |
| 7288-1002A  | 1      | 25.4    | 2           | 1.594  | 40.5   | 0.90            | 0.41            | 12.0           | 304.8          | 250            | 17.2           | CS, 43         | 500            | 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!**
- Failure to properly inspect, maintain, test and use steam hose assemblies may result in property damage, personal injury or death. Refer to ARPM publication IP-11-1, “Guide for Use, Testing and Inspection of Steam Hose.”
- Water changes to hot water and phases of steam when subjected to heat and pressure. The greater the pressure, the higher the temperature required to achieve and maintain a steam phase. If steam escapes, dangerous quantities of heat may be released very suddenly. Exposure to hot water, low pressure steam and high pressure steam may cause severe scalding or fatal burns.
- Use only hoses designated for steam service for steam applications.
- Prior to use with detergents or rust inhibitors, refer to the chemical guide in this catalog or contact Parker.
- Drain steam hose after each use to reduce the possibility of hose popcorning while in service.
- 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.
DRAGON BREATH® Chlorobutyl Compact Steam Hose
Non-Skive E-Z Crimp
Series 7286C

Series 7286C is a compact, slim profile hose designed for long-lasting steam service—one of the toughest applications for hose, where the hot-cold/wet-dry cycling attacks rubber compounds externally as well as internally. The hose construction incorporates premium, high-performance chlorobutyl in both the tube and the cover, providing extreme heat resistance, durability, performance and service life. The wire braid reinforcement provides crush-resistant durability, kink resistance and a path to conduct a static electrical charge to ground, and the cover resists abrasion, cracking, hardening and ozone. Series 7286C is qualified with Parker non-skive crimp couplings for easy and quick assembly fabrication as well as maintenance-free service.

Tube: Black chlorobutyl
Reinforcement: Multiple wire braids
Cover: Black chlorobutyl; perforated wrapped finish
Temp. Range: -20°F to +406°F saturated steam/+450°F superheated steam
(-29°C to +208°C saturated steam/+232°C superheated steam)
Brand Method: Embossed
Brand Example: PARKER SERIES 7286C DRAGON BREATH® E-Z CRIMP BUTYL STEAM 250 PSI MAX WP MADE IN USA (DATE CODE)
Design Factor: 10:1
Industry Standards: None applicable
Applications:
• Saturated and superheated steam
• Cleaning containment vessels and manufacturing equipment; cleaning and heating process equipment
• Manufacturing and processing plants, refineries
Vacuum: Not recommended
Packaging: Cartons

<table>
<thead>
<tr>
<th>Part Number</th>
<th>ID (in)</th>
<th>ID (mm)</th>
<th>Reinf Braids</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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<tr>
<td>7286C-502</td>
<td>1/2</td>
<td>12.7</td>
<td>2</td>
<td>0.950</td>
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<td>7.0</td>
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<td>7286C-752</td>
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<td>30.5</td>
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<td>7286C-1002</td>
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<td>0.64</td>
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<td>17.2</td>
<td>CS</td>
<td>50</td>
<td>Y</td>
</tr>
</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!
- Failure to properly inspect, maintain, test and use steam hose assemblies may result in property damage, personal injury or death. Refer to ARPM publication IP-11-1, “Guide for Use, Testing and Inspection of Steam Hose.”
- Water changes to hot water and phases of steam when subjected to heat and pressure. The greater the pressure, the higher the temperature required to achieve and maintain a steam phase. If steam escapes, dangerous quantities of heat may be released very suddenly. Exposure to hot water, low pressure steam and high pressure steam may cause severe scalding or fatal burns.
- Use only hoses designated for steam service for steam applications.
- Prior to use with detergents or rust inhibitors, refer to the chemical guide in this catalog or contact Parker.
- Drain steam hose after each use to reduce the possibility of hose popcorning while in service.
- 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.
**MPW-1000®**

High Pressure Wire Braid Multipurpose Hose

Oil Resistant Non-Skive E-Z Crimp

Series 7204

Series 7204 is an extremely versatile hose designed to handle air, mild chemicals, oil, refined fuels such as biodiesel (to B20 in dedicated and non-dedicated service), diesel, ethanol and gasoline, saturated steam and water. The hose construction incorporates a premium grade tube especially suited for high temperature materials such as hot asphalt, glue, oil, tar and wax to 300°F continuous/350°F intermittent (149°C/177°C). The high tensile wire braid reinforcement provides durability, kink resistance, high pressure capability and superior coupling retention, and the cover is resistant to heat, oil and weathering. Series 7204 is also designed for saturated steam applications at temperatures to 368°F (187°C) and pressures to 150 psi (10.3 bar). The tube resists popcorning and oil-based detergents and rust inhibitors found in steam systems.

**NOTES:**

- Refer to the table on pages 213-214 for fuel compatibility and service conditions.
- Do not use for fuel dispensing or service applications requiring API, NFPA, UL, ULC or any other agency approval or listing.

<table>
<thead>
<tr>
<th>Tube:</th>
<th>Black nitrile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reinforcement:</td>
<td>One wire braid</td>
</tr>
<tr>
<td>Cover:</td>
<td>Black chloroprene; perforated wrapped finish</td>
</tr>
<tr>
<td>Temp. Range: Steam:</td>
<td>-20°F to +368°F (-29°C to +187°C) saturated steam to 150 psi max WP</td>
</tr>
<tr>
<td></td>
<td>Other: -20°F to +300°F (-29°C to +149°C)/+350°F (+177°C) intermittent</td>
</tr>
<tr>
<td>Brand Method:</td>
<td>Embossed</td>
</tr>
<tr>
<td>Brand Example: PARKER SERIES 7204 MPW-1000 PSI MAX WP (150 PSI MAX WP - STEAM) (DATE CODE) MADE IN USA</td>
<td></td>
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<tr>
<td>Design Factor:</td>
<td>4:1 (10:1 steam @ 150 psi)</td>
</tr>
<tr>
<td>Industry Standards:</td>
<td>None applicable</td>
</tr>
<tr>
<td>Applications:</td>
<td>• Air, mild chemicals, oil, water; hot asphalt, glue, oil, tar and wax; steam; biodiesel (to B20 in dedicated and non-dedicated service), diesel, ethanol, gasoline</td>
</tr>
<tr>
<td></td>
<td>• High pressure washdown; cleaning containment vessels and manufacturing equipment; cleaning and heating process equipment</td>
</tr>
<tr>
<td></td>
<td>• General industrial, manufacturing and processing plants, refineries</td>
</tr>
<tr>
<td>Vacuum:</td>
<td>Not recommended</td>
</tr>
<tr>
<td>Compare to:</td>
<td>Boston Hot Tar Pumping; Gates 319MB Gold Master; Veyance Pyroflex</td>
</tr>
<tr>
<td>Packaging:</td>
<td>Reels</td>
</tr>
</tbody>
</table>

(Continued on the following page)

**WARNINGS!**

- Failure to properly inspect, maintain, test and use steam hose assemblies may result in property damage, personal injury or death. Refer to ARPM publication IP-11-1, “Guide for Use, Testing and Inspection of Steam Hose.”
- Water changes to hot water and phases of steam when subjected to heat and pressure. The greater the pressure, the higher the temperature required to achieve and maintain a steam phase. If steam escapes, dangerous quantities of heat may be released very suddenly. Exposure to hot water, low pressure steam and high pressure steam may cause severe scalding or fatal burns.
- Use only hoses designated for steam service for steam applications.
- Prior to use with detergents or rust inhibitors, refer to the chemical guide in this catalog or contact Parker.
- Drain steam hose after each use to reduce the possibility of hose popcorning while in service.
- 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 7204 – MPW-1000® High Pressure Wire Braid Multipurpose Hose
(Continued)

Non-Steam Applications

| 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 ** |
|-------------|---------|---------|--------------|---------|---------|-------------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
| 7204-501    | 1/2     | 12.7    | 1            | 0.906   | 23.0    | 0.34              | 0.15            | 7.0             | 177.8          | 1000           | 69.0           | 43             | 500            | N               |
| 7204-751    | 3/4     | 19.1    | 1            | 1.187   | 30.1    | 0.52              | 0.24            | 9.5             | 241.3          | 1000           | 69.0           | 43             | 500            | Y               |
| 7204-1001   | 1       | 25.4    | 1            | 1.500   | 38.1    | 0.75              | 0.34            | 12.0            | 304.8          | 1000           | 69.0           | 43             | 500            | 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.

Steam Applications

| 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 ** |
|-------------|---------|---------|--------------|---------|---------|-------------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|----------------|-----------------|----------------|
| 7204-501    | 1/2     | 12.7    | 1            | 0.906   | 23.0    | 0.34              | 0.15            | 7.0             | 177.8          | 150            | 10.3           | 43             | 500            | Y               |
| 7204-751    | 3/4     | 19.1    | 1            | 1.187   | 30.1    | 0.52              | 0.24            | 9.5             | 241.3          | 150            | 10.3           | 43             | 500            | N               |
| 7204-1001   | 1       | 25.4    | 1            | 1.500   | 38.1    | 0.75              | 0.34            | 12.0            | 304.8          | 150            | 10.3           | 43             | 500            | 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.
Hydrocarbon Drain Hose
Oil Resistant
Non-Skive E-Z Crimp
Series 7200

Series 7200 is a hydrocarbon drain hose designed to evacuate hot, liquefied residue from steam cleaning operations. The high temperature, oil-resistant tube and cover withstand attack by steam vapors and petroleum-based runoff. The wire braid reinforcement provides crush-resistant durability, kink resistance and a path to conduct a static electrical charge to ground. The vivid blue chloroprene cover is resistant to oil and weathering, and provides color-coded identification. Series 7200 is qualified with Parker non-skive crimp couplings for easy and quick assembly fabrication as well as maintenance-free service.

NOTE: Do not use for steam service.

**Tube:** Black nitrile
**Reinforcement:** One wire braid
**Cover:** Blue chloroprene; wrapped finish
**Temp. Range:** -20°F to +300°F (-29°C to +149°C)/+350°F (+177°C) intermittent
**Brand Method:** Blue text on green stripe
**Brand Example:** PARKER SERIES 7200 HYDROCARBON DRAIN HOSE 250 PSI WP MADE IN USA
**Design Factor:** 4:1
**Industry Standards:** None applicable
**Applications:**
- NOT FOR STEAM SERVICE
- Drainage of hot residue from steam cleaning operations
- Manufacturing and processing plants, refineries
**Vacuum:** Not recommended
**Compare to:** Boston Hydrocarbon Drain Hose
**Packaging:** Cartons

<table>
<thead>
<tr>
<th>Part Number</th>
<th>ID (in)</th>
<th>ID (mm)</th>
<th>Rein Braid</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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</tr>
</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!**
- Use only hoses designated for steam service for steam applications.
- 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.