



## MPW-1000® High Pressure Wire Braid Multipurpose Hose 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 inter mittent (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.

<b>Tube:</b>	Black nitrile
<b>Reinforcement:</b>	One wire braid
<b>Cover:</b>	Black chloroprene; perforated wrapped finish
<b>Temp. Range:</b>	<b>Steam:</b> -20°F to +368°F (-29°C to +187°C) saturated steam to 150 psi max WP <b>Other:</b> -20°F to +300°F (-29°C to +149°C) / 350°F (177°C) intermittent
<b>Brand Method:</b>	Embossed
<b>Brand Example:</b>	PARKER SERIES 7204 - MPW XXX PSI MAX WP (DATE CODE) MADE IN USA
<b>Design Factor:</b>	4:1 (10:1 steam @ 150 psi/10.3 bar)
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• 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</li> <li>• High pressure washdown; cleaning containment vessels and manufacturing equipment; cleaning and heating processing equipment</li> <li>• General industrial, manufacturing and processing plants, refineries</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Boston Hot Tar Pumping; Gates 319MB Gold Master; Veyance Pyroflex
<b>Packaging:</b>	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. Use ONLY Parker recommended hose/coupling combinations for steam applications. Refer to CrimpSource at [www.safehose.com](http://www.safehose.com).
- ▶ 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)

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)	Non-Steam Applications		Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
										Max Rec WP (psi)	Max Rec WP (bar)			
7204-501	1/2	12.7	1	0.906	23.0	0.34	0.15	7.0	177.8	1000	68.9	43	500	N
7204-751	3/4	19.1	1	1.187	30.1	0.52	0.24	10.0	254.0	1000	68.9	43	500	Y
7204-1001	1	25.4	1	1.500	38.1	0.75	0.34	12.0	304.8	1000	68.9	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.

