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# **QUICK REFERENCE GUIDE** **INDUSTRIAL HOSE PRODUCTS**

# HOSE PRODUCTS DIVISION

## The market leader and your supplier of choice

Parker offers the most comprehensive line of industrial hoses for applications ranging from water to petroleum to pressure washing, and from mining to material handling.

You'll also benefit from our ultimate competitive advantage – our network of distribution outlets that can provide our products nearly **anytime** and **anywhere**. We strive to provide customers with local engineering, local products and local service.

Parker's industrial hose products are the preferred choice for transferring abrasive materials, acid and chemicals, air, compressed gases, food, fuel, oil, sanitary materials, steam, water, and many other materials. We manufacture a variety of hoses with covers that are resistant to abrasion, chemicals, flame, heat, oil, ozone, ultraviolet light and weathering.





# MARKETS



## Air & Multipurpose

Parker air hose provides robust service in air tool, compressor, manufacturing/process equipment and general industrial applications. Serving a broad range of markets, the hoses are offered in flexible rubber constructions and light-weight, abrasion resistant thermoplastic constructions, each in multiple colors, pressures and sizes.

Learn more about our Air & Multipurpose product line here: [Hose for Municipal Applications | Parker Hose Products Division](#)



## Chemical

Parker chemical hoses safely handle a wide variety of acids and chemicals for depot, dock, in-plant transfer, tank truck and transport suction and discharge service. The hoses feature several different inner tube materials to cover a wide of range of media, pressures, sizes and temperature capabilities.

Learn more about our Chemical Hose product line here: [Hose for Chemical Applications | Parker Hose Products Division](#)



## Engine Fuel

Parker fuel hose handles a wide variety of petroleum based fuels in depot, dispenser, dock, engine fuel line, in-plant transfer, transport, tank truck suction and discharge service safely and efficiently. The hoses are compatible with numerous fuels and are available in a diverse range of pressures, sizes and temperature capabilities.

Learn more about our Air & Multipurpose product line here: [Hose for Equipment & Engine Service | Parker Hose Products Division](#)



## Food & Beverage

Parker's food grade hoses enable a clean and safe transfer of a wide variety of foods, beverages and sanitary materials. All of our food grade hoses meet government and industry standards and our hose tubes are suitable for a variety of markets. They also offer full suction capability and kink resistance to extend their usability and enhanced cover options for convenient cleaning.

Learn more about our Food & Beverage product line here: [Hose for Food & Beverage Applications | Parker Hose Products Division](#)



## Material Handling

Our vast assortment of hoses includes specifically engineered material handling hoses that are constructed to withstand the most abrasive materials needing transfer, and to required standards.

Learn more about our Material Handling product line here: [Hose for Material Handling | Parker Hose Products Division](#)



## Petroleum

In the petroleum industry, a faulty or broken hose can have extremely serious consequences. That's why the inner tubes and covers on Parker's industrial hoses are specifically chosen and engineered to provide maximum life even in the most demanding petroleum applications such as transfer, suction and discharge and blending.

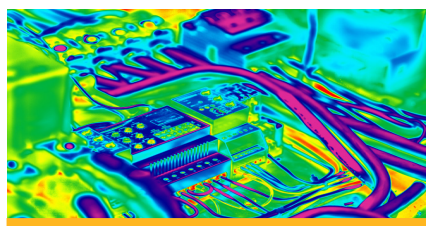
Learn more about our Oil & Gas product line here: [Hose for Oil & Gas | Parker Hose Products Division](#)



## Steam

Parker's steam hoses transfer steam as part of high temperature cleaning systems for in-plant/refinery service – such as railcars, tanks and vessels – and to keep process equipment operating efficiently. The hoses provide a selection of several inner tube and outer cover materials to handle a wide range of service conditions.

Learn more about our Steam Hose product line here: [Hose for Steam Transfer | Parker Hose Products Division](#)



## Thermal Management

As equipment thermal management requirements continue to evolve, Parker continues to meet those connection demands to cool the energy sources and components for an optimal level of performance.

Learn more about our Thermal Management product line here: [Hose for Thermal Management | Parker Hose Products Division](#)



## Water

Parker's water hoses are offered in multiple pressures and sizes for cleaning, irrigation, spray, wash down and large diameter suction and discharge applications. Our water hoses are abrasion resistant and weather resistant for robust service in harsh environments and applications.










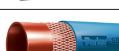
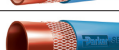










Learn more about our Water Hose product line here: [Water Hose | Parker Hose Products Division](#)

# Hose Overview Chart

	Hose Size	Hose Construction	Pressure PSI																Standard Temp. Range °F	Standards	Page
			-3	-4	-5	-6	-8	-10	-12	-16	-20	-24	-32	-40	-48	4"	5"	6"	>6"		
Air / Multipurpose	7092		200	200-300	200-300	200-300	200-300	200-300	200-300	200-300	200	200	200							-40/+212	<a href="#">View Online</a>
	7093		200	200-300	200-300	200-300	200-300	200-300	200-300	200-300	200	200	200							-40/+212	<a href="#">View Online</a>
	7057						250		300											-40/+212	<a href="#">View Online</a>
	7031								300+											-40/+212	ARPM IP-7 <a href="#">View Online</a>
	7096								300											-40/+212	<a href="#">View Online</a>
	7322										200	200	200							-40/+212	<a href="#">View Online</a>
	7323										200	200	200							Air -20 / -158 Other -20/+212	<a href="#">View Online</a>
	7094			200-300	300	200-300	200-300	300	200-300	200-300	200	200								Air -20 / -158 Other -20/+212	Electrically nonconductive* <a href="#">View Online</a>
	7095			200-300	300	200-300	200-300	300	200-300	200-300	200	200								Air -20 / -158 Other -20/+212	Electrically nonconductive* <a href="#">View Online</a>
	7212			300		300	300	300	300											Air -20 / -158 Other -20/+212	MSHA <a href="#">View Online</a>
	7107			500		500	500		500	500	500	500	500							Air -40 / -158 Other -40/+212	Electrically <a href="#">View Online</a>
	7102					300	300		300	300	300	300								Air -70 / -158 Other -70/+212	<a href="#">View Online</a>
	SW360											200	200		200	125		100		-40/+350	<a href="#">View Online</a>
	7251											600	600	500	500	400				-20/+212	MSHA <a href="#">View Online</a>
	7337**											N/A	N/A	N/A	N/A	N/A				-30/+180	MSHA <a href="#">View Online</a>
	7337M**						N/A	N/A	N/A	N/A	N/A									-30/+180	MSHA <a href="#">View Online</a>
Chemical	7373T								200	200	200	200	200		200	200				-40/+180	<a href="#">View Online</a>
	SWC693									250	250	250	250		200	200				-40/+180	<a href="#">View Online</a>
	7374									600	400	400	400							-40/+180	<a href="#">View Online</a>
	7108			500		500														0 / +200	<a href="#">View Online</a>
	SWC693B									250	250	250	250		200	200				-40/+180	<a href="#">View Online</a>








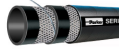





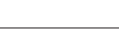



(\*min. resistance of one megaohm p/in. at 1000 volts DC)

# Hose Overview Chart

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			-3	-4	-5	-6	-8	-10	-12	-16	-20	-24	-32	-40	-48	4"	5"	6"	>6"			
Coolant & Engine Hose	7395**						75	75	75	75	75	75	75	75	75	75				-50/+257	SAE J20R2-D1 performance	<a href="#">View Online</a>
	7390										150	150	150		150					-40F° to +212°F		
	7219**						75	75	75	75	75*	75*	75*	75*	75*	75*				-30/+212°/+257		<a href="#">View Online</a>
	7399**						150	150	150	150										-40/+257		<a href="#">View Online</a>
	389		100	100	100	100	100	100	100											-40/+257	SAEJ30R7 & R14 T2	<a href="#">View Online</a>
	397		100	100	100	100	100	35	35													<a href="#">View Online</a>
	395		75	50	50	50	35															<a href="#">View Online</a>
	7181			65	65	65	65	65	50	45										-40/+257	SAEJ20R3 D-2	<a href="#">View Online</a>
	7186						125	90	70											-40/+212		<a href="#">View Online</a>
	6722			83	83	83	83	83	83	83										-65/+350	SAEJ20R3 Class A	<a href="#">View Online</a>
	6723					83	83	83	83	83										-65/+350		<a href="#">View Online</a>
	6724			83		83														-65/+500		<a href="#">View Online</a>
	6750						142		108	100	92	83	67	50	29	17	17			-65/+350		<a href="#">View Online</a>
	6823															27	27			-65/+500		<a href="#">View Online</a>
	6621										225	225		225						-76/+392	SAE J20R2 Class A and TMC	<a href="#">View Online</a>
	7116M					150	150		150	150										-40/+212		<a href="#">View Online</a>
	SW569**					75	75	75		75	75	50	50	50	40	40				-20/+212	ABYC H-24, NMMA, SAE J1527 A1/A2, SAE J1942 Code: F / VW / NVW, SAE J2006 R2, SAE J20R2 B, SAE J20R4 B, SAE J20R5 B, SAE J30R5, ISO 7840:2004 A2, ISO 8469 B1,USCG	<a href="#">View Online</a>
	SS269**									50	50	50	50	25	25	25	25			-40/+200	ABYC, USCG/SAE J2006R1	<a href="#">View Online</a>
	7165			100	100	100	100	75												-20/+212	ABYC, CARB, CE, EPA, ISO 7840 A1, NMMA, SAE J1527, A1-15, USCG A1	<a href="#">View Online</a>
	629		150	150																-40/+212		<a href="#">View Online</a>
	650		400	400	400	400	350	300												-40/+257		<a href="#">View Online</a>



















\*\*See product page for additional sizes

# Hose Overview Chart

	Hose Size	Hose Construction	Pressure PSI																Standard Temp. Range °F	Standards	Page	
			-3	-4	-5	-6	-8	-10	-12	-16	-20	-24	-32	-40	-48	4"	5"	6"	>6"			
Food and Beverage Hose	7640										150		150	150		150				-13/+176	FDA, BFR,DM, 3A, MHLW, REACH, CE, GMP	<a href="#">View Online</a>
	7640P										150		150	150		150				-13/+176	FDA, BFR,DM, 3A, MHLW, REACH, CE, GMP	<a href="#">View Online</a>
	7630										250		250	250	250					-40/+248	FDA, CE, DM, 3A, MHLW, REACH,	<a href="#">View Online</a>
	7630P										250		250	250	250					-40/+248	FDA, CE, DM, 3A, MHLW, REACH, GMP	<a href="#">View Online</a>
	7630PL												150	150	150	150				-13/+248	FDA, CE, DM, 3A, MHLW, REACH, GMP	<a href="#">View Online</a>
	7680						300			300	300									-40/+212	N/A	<a href="#">View Online</a>
	7685						300			300	300									-40/+212	N/A	<a href="#">View Online</a>
Fuel Dispenser Hose	7280							50	50	50										-40/+180	UL330/ULC; NFPA 30A; UL30N4 (factory assemblies)	<a href="#">View Online</a>
	7124							50	50	50										-40/+180	UL330/ULC; NFPA 30A; UL30N4 (factory assemblies)	<a href="#">View Online</a>
	7114							50	50	50										-40/+180	UL330/ULC; NFPA 30A; UL30N4 (factory assemblies)	<a href="#">View Online</a>
	7175								50	50										-40/+180		<a href="#">View Online</a>
LPG/Propane Hose & Assemblies	7132			350		350	350		350	350										-40/+180*		<a href="#">View Online</a>
	7132XTC									350										-65/+180*	UL21; CSA 8.1 Type I; optional DOT factory hose assembly testing and marking available for	<a href="#">View Online</a>
	7232										350	350	350							-40/+180*	UL21; CSA 8.1 Type I; optional DOT factory hose assembly testing and marking	<a href="#">View Online</a>
	SS106														350					-22/+158*	ISO 2928-1986 (E)	<a href="#">View Online</a>
	7122					125														-20/+160		<a href="#">View Online</a>
	SS25UL				350	350	350	350												-40/+180*	UL21	<a href="#">View Online</a>

\*\*See product page for additional sizes


















# Hose Overview Chart

	Hose Size	Hose Construction	Pressure PSI																Standard Temp. Range °F	Standards	Page
			-3	-4	-5	-6	-8	-10	-12	-16	-20	-24	-32	-40	-48	4"	5"	6"	>6"		
Material Handling	7204								1000	1000										Air -20/+158; Steam -20/+368 (saturated steam to 150 psi max); Other -20/+300	<a href="#">View Online</a>
	SW387											150	150	150	150	150				-40/+350	<a href="#">View Online</a>
	7331/ 7331XT †7331XT only												400		400	400		400†		-40/+200	<a href="#">View Online</a>
	7363											100		100	100	100	100			-40/+160	<a href="#">View Online</a>
	8341										75	75		75	75		75	75		-40/+180	<a href="#">View Online</a>
	8341HD																	75			<a href="#">View Online</a>
	SS135**														100	100	100			-40/+180	<a href="#">View Online</a>
	SS247**														100	100	100	100		-40/+180	<a href="#">View Online</a>
	SW409											200		175	150	100	100			-40/+180	<a href="#">View Online</a>
Oil Field	7213E											150	150	150	150	150				-22/+185	<a href="#">View Online</a>
	7301											2250								-40/+275	<a href="#">View Online</a>
	7311N											400	400		400	400		400		-40/+200	<a href="#">View Online</a>
	7311NXT														400	400				-40/+200	<a href="#">View Online</a>
Petroleum Transport Hose	7216E											150	150	150	150	150				-22/+185	<a href="#">View Online</a>
	SWC609/ SCW609R †SWC609 only	 									250	250	250	200	200	150		150† (8")	150† (8")	-40/+200	<a href="#">View Online</a>
	SWC325											150	150	150	150	150		125		-67/+180	<a href="#">View Online</a>
	7705									200	200	200	200	200	200	200				-20/+180	<a href="#">View Online</a>

\*\*See product page for additional sizes

\* (working pressures are at +68, higher temps reduce the available working pressure)

# Hose Overview Chart

	Hose Size	Hose Construction	Pressure PSI																Standard Temp. Range °F				Standards	Page
			-3	-4	-5	-6	-8	-10	-12	-16	-20	-24	-32	-40	-48	4"	5"	6"	>6"					
PVC Hose and Tubing	100		55-60	55-60	50-55	45-55	30-45	25-45	35	25-30												<a href="#">View Online</a>		
	GPH		300	300	300	300	300	300	300	250										-15/+150*	Electrically	<a href="#">View Online</a>		
	125		250	250	250	225	200	200	150	125	100	100	75							-25/+150*	FDA; EU	<a href="#">View Online</a>		
	126			350	275	250	250		200	150	125	100								-25/+150*	FDA; EU	<a href="#">View Online</a>		
	7541											70	70	60	60	60		45	45 (8")	-5/+170*		<a href="#">View Online</a>		
	7542												150	150	150	150	140		100	80 (8")	-5/+170*	MSHA	<a href="#">View Online</a>	
Steam Hose	7285						261		261	261										-40/+406 saturated steam; +450 super-heated steam	ISO 6134 Type2	<a href="#">View Online</a>		
	7263C						261			261										-40/+406 saturated steam; +450 super-heated steam	ISO 6134 Type2	<a href="#">View Online</a>		
	7264C								261											-40/+406 saturated steam; +450 super-heated steam	ISO 6134 Type2	<a href="#">View Online</a>		
	7264						261		261	261	261	261	261							-40/+406 saturated steam; +450 super-heated steam	ISO 6134 Type2	<a href="#">View Online</a>		
	7263E								261											-40/+406 saturated steam; +450 super-heated steam	ISO 6134 Type2	<a href="#">View Online</a>		
	7288						261		261											-40/+406 saturated steam; +450 super-heated steam	ISO 6134 Type2	<a href="#">View Online</a>		
	7200								350	350										-20/+300;+350 intermittent		<a href="#">View Online</a>		
Water Hose & Assembly	7392E											150	150	150	150	150		150		-40/+180		<a href="#">View Online</a>		
	7268E								1000	1000	1000	1000	1000							-20/+212	MSHA	<a href="#">View Online</a>		
	7258			3000		3000	2500													-40/+250		<a href="#">View Online</a>		
	7258BK			3000		3000	2500													-40/+250		<a href="#">View Online</a>		
	7055							100	100											-40/+180		<a href="#">View Online</a>		

\*\*See product page for additional sizes

\*(working pressures are at +68, higher temps reduce the available working pressure)



# SUPERIOR QUALITY AND PERFORMANCE

With pressures high or low, transfer rates slow or fast and with materials as simple as air and water or as complex as hazardous chemicals – every industrial hose application requires something a little different. That's why Parker's industrial hose products are manufactured from a variety of compounds and reinforcements that can be customized by color and branding for quick and easy identification.

## Testing

Putting our designs to the test, our world class development and test capabilities assure our customers of world-class quality and performance. Parker is unsurpassed in both technical knowledge and testing capabilities. Our in-house capability assures the materials in our design are engineered to withstand the extremes of application and the environment, time after time, every time. With specialized skills, and time tested experience, Parker engineers have built an impressive record of problem solving for our customers.



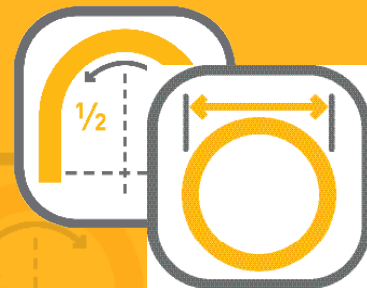
## Extended Hose Life

Consistency in product performance starts with consistent materials. Parker's materials development laboratory uses the latest technology to evaluate products under various conditions. Hose construction style as well as cover type have a direct impact on hose life and safety.



## Innovative Design

Application requirements are consistently changing in terms of available space, performance and production efficiency. So, it is our job to ensure we adjust to the correct application requirements. Parker responded with the development of higher temperature resistant hoses, increased pressure ranges, and improved abrasion resistance to meet these increasing requirements. Parker hoses also have a smaller outer diameter, weigh less, and are more flexible, which simplifies installation.



## Specifications

Industry standards set specific requirements concerning construction type, size, tolerances, burst pressure, and impulse cycles of hoses. All our hose meet or exceed various industry specifications, such as CSA (Canadian Standards Association); FDA (Food and Drug Administration); MSHA (Mine Safety and Health Administration); SAE (Society of Automotive Engineers) or UL (Underwriters Laboratories).



# ENHANCED SUPPORT FOR OUR HOSE SOLUTIONS

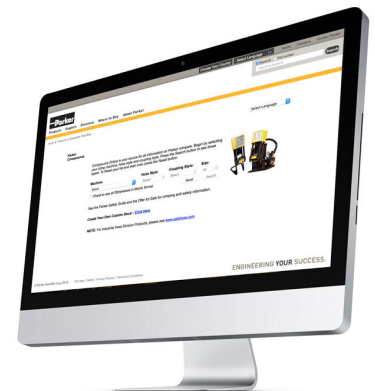
**Circle of Safety:** Many industrial hose manufacturers will suggest hose and fitting configurations for a given application, but they won't guarantee the combination will perform to the rated burst pressure of the hose. However, one of the benefits of working with Parker is that we ensure the promise of quality industrial hose assemblies. Our Circle of Safety program establishes Parker's Hose Products Division as a single, accountable source with specific performance criteria to protect distributors and end users from accidents, unplanned downtime and increased liability.



**Parker Tracking System:** When time is money, avoiding unplanned downtime is key, and Parker Tracking System (PTS) is the innovative component-tagging and tracking solution that's made for successful preventive maintenance. With PTS, components traditionally viewed as replaceable commodities are now just as vital as your most expensive equipment. PTS helps users record, manage, and retrieve all critical asset information quickly and accurately, allowing for faster, easier, and more exact ordering of replacement parts and assemblies. And with PTS Pro asset management, you can customize inspection and replacement schedules from your mobile device. So, when it's almost time to replace that 30-hose assembly, it's already being made and shipped by your distributor.



**CrimpSource:** Parker delivers exceptional quality and reliability when it comes to equipment and tooling. Factory-quality hose assemblies can be quickly, easily, and cost effectively manufactured with Parker's industry leading equipment. To help you with your equipment, Parker provides an exclusive online software application: CrimpSource. CrimpSource supplies you with the necessary crimp specifications in order to adhere to our strict safety standards. It is the industry's most complete resource for crimper technical information. It provides easy access to all the specifications necessary to correctly fabricate a factory-quality hose assembly. With a series of dropdown menus, users are able to choose a crimper, the type of hose, and compatible fittings. Once the crimper is selected, the user is provided with crimp specs, crimper die recommendations, and technical manuals available for immediate printing.



## E-Z FORM

Designed to handle extreme bends while allowing full-flow, kink free performance, E-Z Form hose effectively replaces pre-formed hoses in many applications – eliminating special design, tooling and fabrication costs and associated long lead times. E-Z Form hose is available in a general service construction for coolant and water applications and in a multipurpose oil-resistant construction for drain, fuel fill and oil suction/return lines.

Learn more about our E-Z Form Hose here: [E-Z Form Hose | Parker Hose Products](#)

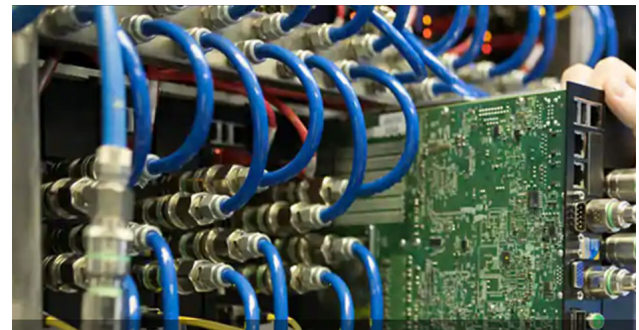


## THERMAL MANAGEMENT HOSES

Helping to control the temperature of your equipment

As equipment thermal management requirements evolve, Parker's Hose Products Division continues to meet those connection demands to cool the energy sources and components for an optimal level of performance. Our customers have grown accustomed to Parker leading the world in fluid power and conveyance. Thus, the thermal cooling product offering follows our tradition of excellence by offering a comprehensive solution strategy.

With the constant improvement of high-performance computers, temperature control is necessary to keep from reaching critical levels that cause unsalvageable damage to sensitive parts. Parker offers a wide variety of high-quality liquid cooling products in various colors, sizes, and working pressures for serving the market. When quality, system integration, and innovation are needed for the most critical applications, Parker is a name you can trust.



View our Thermal Management Hoses here: [Hose for Thermal Management | Parker Hose Products Division](#)

## PURE FOOD GRADE HOSES

Parker's PURE food grade hoses enable a clean and safe transfer of a wide variety of foods, beverages, and sanitary materials. Our products are offered in a wide range of constructions and also offer multiple color, pressure, size, and temperature capabilities to meet customer needs. All of our food grade hose and food grade tubes meet government and industry standards to and our hoses are suitable for a variety of markets. They also offer full suction capability and kink resistance to extend their usability and enhanced cover options for convenient and uncomplicated cleaning.



View our PUREFood & PURETransfer Hoses here: [PURE Food Grade Hoses | Parker Hose Products Division](#)



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