



Parker Industrial Hose

Catalog 4800 July 2018



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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.
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Parker Safety Guide for Selecting and Using Hose, Tubing, Fittings, Connectors, Conductors, Valves and Related Accessories

Parker Publication No. 4400-B.1

WARNING: Failure or improper selection or improper use of hose, tubing, fittings, assemblies, valves, connectors, conductors 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.
- Tube or pipe burst.
- Weld joint fracture.
- 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 of these Products, it is important that you read and follow the instructions in this Industrial Hose Catalog 4800 and the complete Parker Safety Guide for Selecting and Using Hose, Tubing, Fittings, Connectors, Conductors, Valves and Related Accessories, Parker Publication No. 4400-B.1 (refer to the Safety & Technical Information section of this catalog). No product from any division in Parker Fluid Connectors Group is approved for in-flight aerospace applications. For hoses and fittings used in in-flight aerospace applications, please contact Parker Aerospace Group.

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 at the end of this catalog govern this offer and its acceptance.

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Introduction



Your Partner for Motion Control Solutions

Parker Hannifin is a global Fortune 250 company and the world's leading supplier of motion control products, systems and solutions. The corporation posts over \$14 billion in annual sales and delivers hydraulic, pneumatic, electromechanical, fluid connector and filtration technology to more than 13,000 worldwide distribution and MRO outlets.

Parker's extensive product lines encourage single-sourcing of fluid and material transfer, fluid power and motion control applications, and Parker's state-of-the-art solutions—such as integrated systems, kitting services and standard and customized products—are supported by superior application engineering and technical expertise.

With global headquarters in Cleveland, Ohio, and manufacturing and distribution facilities located strategically throughout North America, South America, Europe and Asia-Pacific, Parker is truly a global partner. Parker is listed on the New York Stock Exchange (NYSE) as PH.



Parker's Industrial Hose Solutions

Parker's industrial hose solutions are the preferred choice for transferring abrasive materials, acid and chemicals, air, compressed gases, food, fuel, oil, steam, welding gases, 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. Our products provide value through robust performance and long service life.

Markets

- Agriculture
- Aviation
- Construction
- Food & Beverage
- General Industrial
- Marine
- Material Handling
- Military
- Mobile Equipment
- Oil and Gas
- Petrochemical
- Transportation

Capabilities

Rigid Mandrel Hose	1/2" to 8-5/8" ID
Flex- and Non-Mandrel Hose	3/16" to 1-1/2" ID
Custom Made Hose	1" to 36" ID
Fluoropolymer Hose	1" to 4" ID
Silicone Hose	1/4" to 4" ID; shapes
Food and Beverage Hose	1" to 4" ID
PVC Hose	3/16" to 8" ID
PVC Tubing**	1/16" to 2" ID
PVC Continuous Lengths <i>(Selected Hose)</i>	To 1,500 ft.
PVC Continuous Lengths <i>(Selected Tubing)</i>	To 10,000 ft.

** Includes standard and insulated bundles, communication/control wires, formed hose, bonded/welded multi-line ribbons



Market-Oriented Position

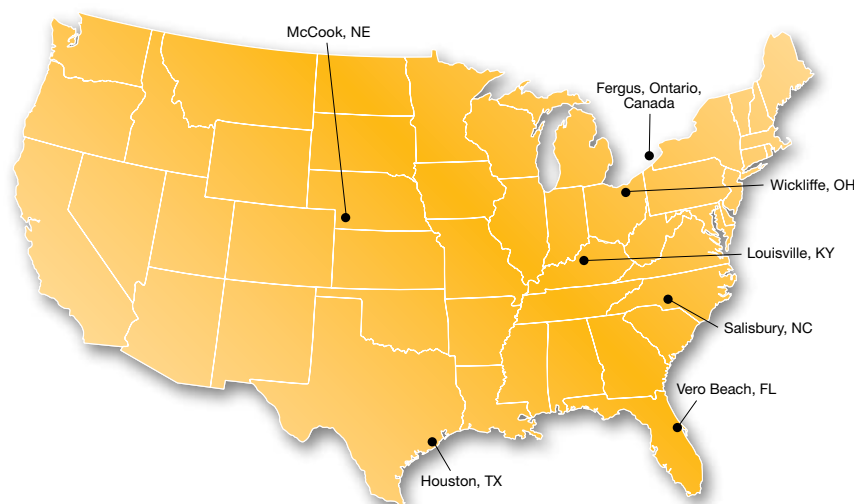
Parker penetrates new markets with new capabilities, products and services, leveraging our corporate economic power to pursue a program of aggressive, synergistic growth. These initiatives enable Parker to participate more fully in existing markets and establish a commanding position in emerging markets.

- Institution of Select Hose Assembly Fabricator programs for aircraft fueling hose, anhydrous ammonia hose and LPG/propane hose
- Development of breakthrough technologies, such as ceramic-lined Cergom™ hose for extremely abrasive materials

- Introduction of innovative products, such as ultra-flexible E-Z Form™ hose for coolant and oil suction/transfer service:

- *Handles extreme bends while allowing full-flow, kink-free performance*
- *Replaces formed hoses in many applications*
- *Eliminates special tooling costs and orders for minimum production quantities*
- *Minimizes potential leak points created by multiple hose/tubing system connections*

The acquisition of the Titan Industries and Nexgen® PVC hose and tubing product lines have complemented our legacy product lines, bridging gaps in the product offering and strengthening our overall market position.



Manufacturing and Distribution Centers

Parker has strategically placed industrial hose manufacturing capabilities and distribution centers throughout the USA and Canada:

Site	Primary Products
Wickliffe, Ohio	Headquarters
McCook, Nebraska	Air & Multipurpose, Garden, LPG, Welding Hose
Salisbury, North Carolina	Custom Made Hose
Vero Beach, Florida	Chemical, Marine, Oilfield, Petroleum Hose
Houston, Texas	Distribution Center
Louisville, Kentucky	Distribution Center
Fergus, Ontario, Canada	PVC/Thermoplastic Hose and Tubing

Parker facilities are certified to ISO 9001-2008.

Circle of Safety

When hose assemblies must operate under high pressures or in critical applications, crimping is recommended over bands or clamps to attach couplings. The Circle of Safety program enables selection of the most appropriate hose, crimp couplings and fabrication methods to ensure that a hose assembly meets the maximum rated working pressure and design factor of the hose.



Parker tests and qualifies crimp specifications, then enters them into CrimpSource®, a real-time online database accessible through www.parker.com/crimpsource. And as Parker adds new hoses to its product offering, they are tested, qualified with appropriate couplings then added to the CrimpSource database. Additional crimp specifications are established based upon an easy distributor-request procedure, also accessible through CrimpSource.

The Parker Circle of Safety program was the first to recognize and address the exorbitant costs of industrial hose litigation. Although organizations such as NAHAD, in cooperation with Parker and other industry leaders, have established basic hose assembly design and fabrication training programs, there are few comprehensive industrial hose assembly safety standards similar to those established for high-pressure hydraulic hose applications. Because many suppliers in this industry manufacture only one hose assembly component—hose,

couplings or attachment devices—there is great risk for a hose assembly failure due to mismatched or unqualified components. The innovative Parker Circle of Safety program was the first to build a tested and validated link between the component supplier (Parker), the distributor/ fabricator and the end-user of the industrial hose assembly. No more mixing and matching of components means no more worries. Parker is the preferred single-source for safe and reliable hose assembly solutions in a wide range of applications and markets.

Industry Organizations

Parker is well represented and has a strong voice in key industrial hose organizations.



Association for Rubber Products Manufacturers (ARPM)

In 2010 Parker transferred its membership from the Rubber Manufacturers Association (RMA) when the Elastomers Products Group of the RMA formed the ARPM, a separate and distinct organization focusing on hose, belting, molded products, seals and related rubber products and markets. Refer to the Safety and Technical Information section of this catalog for ARPM contact and ordering information.



NAHAD (Association for Hose and Accessories Distribution)

Parker continues a proud legacy, through acquisition of Dayco and Titan, as a charter member of NAHAD, one of the industry's oldest and most respected organizations. Parker supports the NAHAD Industrial Hose Assembly Specification Guidelines, which were established by NAHAD member volunteers. The guidelines provide performance recommendations for the specification, design and fabrication of hose assemblies and set a benchmark in our industry for quality, reliability and safety.

Parker Select Hose Assembly Fabricators

Some industrial hoses, due to the inherently dangerous nature of the media—or the distributor experience and expertise required—are available in bulk only to select distributors. As part of our commitment to safety, Parker has established Select Hose Assembly Fabricator (SHAF) programs for these products.

Parker SHAFs must undergo rigorous training, maintain detailed documentation, and invest in appropriate assembly equipment and inventories. Parker SHAF classifications are currently established for Aircraft Fueling Hose, Anhydrous Ammonia Hose and LPG/Propane Hose. Distributors interested in participation should contact Parker.



PVC/Thermoplastic Hose & Tubing

Parker offers a broad line of standard and custom thermoplastic hose and tubing—including our Nexgen products—to meet the constantly changing requirements of diverse marketplaces. From design, development and production to inventory and shipment, we apply our experience and dedicated processes to deliver hose and tubing solutions. Most low pressure thermoplastic hose and tubing (primarily PVC, but also EVA, PU, TPR and blends) is designed

to handle air, mild chemicals and water to take advantage of abrasion and ultraviolet light resistance, and coloration and lightweight characteristics of thermoplastic materials. We offer traditional hose and tubing and a wide variety of custom made products, many of which meet industry standards such as FDA, NSF and USP, IAPMO and UL. Refer to the PVC section of this catalog for specific product information.

Custom Made Hose (CMH)

Custom Made Hose applications are found in almost every industry, usually requiring special tube and cover compounds or thicknesses, large inside diameters (to 36" ID), and built-in nipples and flanges or soft cuff ends. Parker is the largest full-service Custom Made Hose supplier in the United States, with our master manufacturing location in Salisbury, North Carolina. We specialize in designing and fabricating application-engineered hoses and assemblies, relying on our extensive experience in the art and science of hose design, engineering, materials and production.

Our experienced hose designers determine the unique requirements of the application and design a hose solution suited for the specific circumstances. Utilizing computer-controlled lathes that ensure consistent wrap pressure and material overlap, our master hose builders complete the project by integrating traditional hand-built hose craftsmanship with modern technology to fabricate an assembly capable of performing in the most demanding applications.

CMH Design Capabilities

Virtually any feature of a Custom Made Hose can be modified to meet your specific requirements, such as:

- Bend radius
- Cover color and finish
(*corrugated, gimbel, smooth*)
- End fittings/connections
- Inside and outside diameters
(*see previous Capabilities table*)
- Length (see table below)
- Materials (tube and cover)
- Tube thickness
- Weight
- Working pressure

CMH Size Capabilities

Hose ID	Manufactured Length
1" to 36"	Any length to 50 ft. maximum

Industries/Applications

Applications requiring Custom Made Hose can be found in nearly every industry, including:

- Bulk hauling
- Chemical plants
- Concrete plants
- Construction sites
- Dock facilities
- Dredge operations
- Foundries
- Manufacturing plants
- Mining and mineral processing
- Military
- Paper mills
- Power plants
- Refineries
- Sand and gravel plants
- Sewage treatment plants
- Steel mills



Dredging



Dock Unloading



Concrete Unloading

Cergom Hose

Cergom hose is a special category of Custom Made Hose, featuring a tube comprised of highly abrasion-resistant hexagonal ceramic tiles for extreme applications. The hose is suitable for compressed air and vacuum conveying systems for highly abrasive materials, such as ceramic powders, coal powders, dry cement, fly ash, glass fibers and minerals in applications such as ceramic/glass works, insulating material manufacturing, mining and steel mills. The unique construction typically provides service life many times longer than traditional rubber material handling hose.



Custom Made Hose Product Information

Popular Custom Made Hose products are located in the Dock Hose and Material Handling/Dredge sections of this catalog. Refer to those sections for specific product information, or contact Parker for other inquiries.

CMH Packaging & Shipping

Drop-shipping bulky, cumbersome and heavy Custom Made Hose is not a problem with special protective bales, crates and slat packaging available to ensure undamaged delivery.

Custom Made Hose Engineering & Quotation Hotline

Critical inquiries require immediate responses for technical service and pricing. Parker's toll-free Custom Made Hose hotline provides access to our experienced and savvy product designers who will assist you with application recommendations, designs and quotations.

800-783-3922

9:30AM - 6:30PM Eastern Time

ihpquote@parker.com

Customer Service, Sales and Online Support

Parker provides significant customer support through live, toll-free nationwide Customer Service availability twelve hours per workday, as well as through Parker regional industrial hose sales specialists and local Fluid Connectors sales representatives, product sales managers and engineers.

Toll-Free Customer Service

8:00AM - 8:00PM Eastern Time

■ 866-810-HOSE (4673)

■ 800-242-HOSE (4673)

Email

■ indhose@parker.com

Website

Visit www.parker.com/crimpsource

The Parker website provides online product support and resources.

It contains:

- Product information
- Product selector
- Circle of Safety distributor locator
- CrimpSource® crimp specifications
- Technical resources
- Literature downloads and ordering
- Industrial hose news and events

Construction

From Clearing, Building and Landscaping to Paving, Curbing and Striping...

Parker Provides a Complete Package of Industrial Hose to Meet Construction Project Requirements

Build. Maintain. Refurbish. Raze. Replace. No matter where you are in the life cycle of your construction projects, highly engineered Parker industrial hose supplies optimal performance and maximum service life.



End Customers/Users

High volume users of industrial hose include:

- Asphalt plants
- Building contractors
- Construction contractors
- Equipment rental companies
- Government maintenance departments (state, county, municipal)
- Landscaping companies

Typical Hose Applications

- Air tools
 - Standard and heavy duty air hose to connect a compressor to an air tool; silica dust suppression
- Dry cement delivery & concrete placement
 - High temperature hose to connect an air compressor to the cargo bay of a bulk transport truck
 - Low pressure hose to load and unload dry abrasive binder materials
 - Low pressure water hose to hydrate dry, abrasive binder materials
 - High pressure hose to supply dry and wet concrete, gunite and grout to the work area
 - Material handling hose to evacuate debris and rock dust
 - Low and high pressure water hose for washdown or cleaning
- Engine service
 - Rubber hose for coolant, heating and fuel systems
 - Silicone hose for extremely high temperature coolant systems
- Fuel delivery and dispensing
 - Bulk transfer hose to load and unload transport trucks
 - Low pressure hose to dispense fuel to mobile equipment
- Highway maintenance and repair
 - High temperature hose to load and unload hot tar and asphalt from transport trucks
 - High temperature, high pressure hose to connect to hot tar applicator wands
 - Portable LPG/propane heaters
- Infrastructure maintenance and repair
 - Standard and heavy duty hose to connect a compressor to an air tool or blasting equipment
 - Sand blast hose, for cleaning and prepping surfaces
 - Spray hose for landscaping chemicals and water
 - Welding hose for cutting, joining and scarfing metal
- Water transfer and dewatering
 - Suction and discharge hose connected to a pump to supply or remove water
 - Silica dust suppression
- Custom Made Hose
 - Material handling, petroleum and water — for suction and discharge
 - Variety of hose materials, constructions, performance capabilities and end styles
 - 1" to 36" ID
 - Contact Parker for more information

Suggested Parker Industrial Hose[†]

Application/Popular Ingredients & Media	Primary Product Series
Asphalt Plants	
Debris & rock dust vacuum	7363, 7393, 8341
Fueling trucks, discharge	SS107, SS107R
Fueling trucks, suction & discharge	7216E, SWC609, SWC609R
Hot tar & asphalt	7204, SW387
Dry Cement Delivery & Concrete Placement	
Dry cement	SS247
Hot air & bulk transport trucks	SW360
Concrete	SS201
Debris & rock dust vacuum	7363, 7393, 8341
Washdown, high pressure	7258*, 7268E
Washdown, low pressure	7055*, 7092, 7093*, PR*
Equipment Maintenance	
Engine repair & service	<i>Rubber:</i> 389, 395, 397, 7181, 7186, 7219, 7395 <i>Silicone:</i> 6621, 6722, 6723, 6724, 6750, 6751, 6823, 6824
Fueling dispensers/oil transfer	7175*/ 7094, 7107
Fueling trucks, discharge	SS107, SS107R
Fueling trucks, suction & discharge	7216E, SWC609, SWC609R
Framing & Roofing	
Air tools, standard duty	7211, 7212
Compressors	7092*, 7093*, 7107, 7251, 7284, 7308E
Natural gas & propane heaters	7132*
Highway Maintenance	
Crack & road sealing	7204, SW387
Landscape rehabilitation	202, 203, 268, 7092, 7093
Paint stripping	7108, SWC693
Resurfacing, LPG/propane	7132*, 7232*
Infrastructure Repair	
Air tools, heavy duty	7081*, 7082*, 7083*, 7084*, 7092
Sand blast	7138, 7244, SW409
Welding & scarfing	7109*, 7126*
Water Transfer & Dewatering	
Dust suppression	7084*, 7092, 7093, 7268E
Large diameter discharge	7306E, 7541, 7542
Large diameter suction & discharge	7392E, 7560
Potable water bypass	128
Washdown, high pressure	7258*, 7268E
Washdown, low pressure	7055*, 7092, 7093*, PR*

* Also available from stock as factory assemblies in popular configurations

[†] The user is solely responsible for making final selection of any products used. For more specific information, contact your Parker Industrial Hose distributor, or visit parker.com.



Government/Maintenance & Repair STATE•COUNTY•MUNICIPAL

From State Highway Improvement Projects to the Upkeep of Local Parks...

Parker Provides a Complete Package of Industrial Hose to Meet Maintenance & Repair Requirements

Taxes pay for many important public services provided by state and local governments. Parker industrial hose supports the common good by providing exceptional performance and long service life to help keep equipment humming, people working and the public supplied with the best value for its investment.

Where to Sell: Government Maintenance and Repair Departments

High volume users of industrial hose include:

- Equipment maintenance/service garages
- Fire response
- Landscaping & parks
- Roads, streets & highways
- Sewer & water

Typical Hose Applications

- Air tools
 - Standard and heavy duty air hose to connect a compressor to an air tool; silica dust suppression
- Engine/fleet service
 - Rubber hose for coolant, heating and fuel systems
 - Silicone hose for extremely high temperature coolant systems
- Fire suppression
 - Water suction and supply hose for fire trucks
- Fuel dispensing
 - Diesel and gasoline hose to dispense fuel to fleet vehicles and mobile equipment
- Landscaping (golf courses, parks, public buildings & grounds)
 - Fertilizer, herbicide and pesticide spraying
 - Leaf collection
 - Watering
- Road maintenance and repair
 - De-icing and pre-treatment
 - High temperature hose to load and unload hot tar and asphalt from transport trucks
 - High temperature, high pressure hose to connect to hot tar applicator wands
 - Material handling hose to evacuate debris from sewer lines
 - Portable LPG/propane heaters
- Water transfer and dewatering
 - Bypass hose for potable water
 - Low and high pressure water hose for washdown or cleaning
 - Suction and discharge hose connected to a pump to supply or remove water
 - Silica dust suppression



Suggested Parker Industrial Hose[†]

Application/Popular Ingredients & Media	Primary Product Series
Equipment Maintenance/Service Garages	
Engine repair & service	<i>Rubber:</i> 389, 395, 397, 7181, 7186, 7219, 7395 <i>Silicone:</i> 6621, 6722, 6723, 6724, 6750, 6751, 6823, 6824
Fuel dispensers/oil transfer	7282*/7094, 7107
Welding & scarfing	7109*, 7126*
Fire Apparatus	
Water suction & supply	7325
Landscaping	
Fertilizer, herbicides & pesticides	202, 203, 268, 7092, 7093, GPH
Watering	7055*, 7092, 7093, RGR*
Road Maintenance	
Air tools	7081*, 7082*, 7083*, 7084*, 7092
Compressors	7092*, 7093*, 7107, 7251, 7284, 7308E
Crack repair & road sealing	7204, SW387
De-icing & pre-treatment	7092, 7093
Dust suppression	7084*, 7092, 7093, 7268E
Leaf collection	8341; Custom Made (contact Parker)
Paint striping	7108, SWC693
Potable water bypass	128
Resurfacing, LPG/propane	7132*
Washdown, high pressure	7258*, 7268E
Washdown, low pressure	7055*, 7092, 7093*, PR*
Sewer & Water	
Debris vacuum	7363, 7393, 8341
Large diameter discharge	7306E, 7541, 7542
Large diameter suction and discharge and discharge	7392E, 7560
Washdown, high pressure	7258*, 7268E
Washdown, low pressure	7055*, 7092, 7093*, PR*

* Also available from stock as factory assemblies in popular configurations

[†] The user is solely responsible for making final selection of any products used. For more specific information, contact your Parker Industrial Hose distributor, or visit parker.com.



Refinery Market

From Aggressive Chemical to Scalding Steam Applications...

Parker Provides a Complete Package of Industrial Hose to Meet Refinery Requirements

Refineries are complex and functionally rigorous operations that greatly value safety, efficiency and uptime. Parker supports all of these initiatives with highly engineered, high quality industrial hose.

All designated Parker Refinery Market hoses are ozone and abrasion resistant to withstand prolonged exposure to the elements, and are qualified with permanent crimp couplings—tested and validated by Parker. *Parker industrial hose assemblies provide a safe and secure connection and a robust service life.*

Suggested Parker Industrial Hose[†]

Application/Popular Ingredients & Media	Primary Product Series
Chemical Suction & Pressure/Discharge Service	
Bulk loading/unloading, in-plant transfer	7373T, SWC693, SWC693B
Hot sulfur	SW360
Hot tar & asphalt	SW387, EW499
General/Multipurpose Air, Oil & Water Service	
Air tools, compressors, shop air	7031, 7057, 7092,* 7093, 7096, 7211, 7212
Lubrication systems, oil transfer	7094, 7212
Nitrogen Service	
Purge lines	7057, 7096
Petroleum Suction & Pressure/Discharge Service	
Bulk loading/unloading, in-plant transfer	7216, 7216E, SWC609, SWC609R
Biodiesel (to B100)	7705
Steam Service	
Process equipment, cleaning equipment, storage tanks & railcars	7263, 7263C, 7264, 7264C, 7285, 7286C, 7288
Hydrocarbon Drain Service	
Evacuating hot petrochemical residue	7200, 7200LB

* Also available from stock as factory assemblies in popular configurations

† The user is solely responsible for making final selection of any products used. For more specific information, contact your Parker Industrial Hose distributor, or visit parker.com.



Typical Hose Applications

- Chemical suction & pressure/discharge service
 - Compatible with virtually all chemicals commonly produced or used in refineries
 - Elevated temperature capabilities, for high temperature media such as hot sulfur
 - Transfer service between process equipment, tanks and vessels
 - Bulk loading and unloading
 - Several sizes/inside diameters for optimal volume/flow
 - Lightweight; corrugated outer profile for flexibility and easy handling
 - Blue or green color-coding for instant identification
- General purpose air, oil & water service
 - Low pressure hose to connect air tools or shop air to a compressor or plant air system
 - Low and high pressure water hose for washdown or cleaning
 - Oil resistant hose for lubrication systems and oil transfer service
 - Several hose colors for instant identification of designated service lines
- Nitrogen service
 - Low pressure hose to supply inert nitrogen gas to purge process equipment
 - Blue or yellow color-coding for instant identification
- Petroleum suction & pressure/discharge service
 - Compatible with crude oil and virtually all refined fuels commonly produced or used in refineries
 - Selected hoses convey biodiesel to B100 in dedicated service
 - Transfer service between process equipment, tanks and vessels
 - Bulk loading and unloading
 - Several sizes/inside diameters for optimal volume/flow
 - Lightweight; corrugated outer profile available for increased flexibility and easy handling
 - Black or red color-coding for instant identification
- Steam service
 - Wire reinforced flexible rubber hose to connect to plant steam system
 - *to charge materials moving through process equipment*
 - *to clean process equipment, storage tanks, vessels and railcars*
 - Available hose constructions‡
 - *standard black EPDM rubber*
 - *premium black chlorobutyl rubber*
 - *red/black barber pole EPDM rubber for instant identification from great distances and any line of sight*
 - *red chloroprene rubber for maximum oil resistance*
- Hydrocarbon drain service
 - Small diameter wire reinforced, and large diameter textile reinforced rubber hose to evacuate hot petrochemical residue from piping, process equipment, storage tanks, vessels and railcars
 - Distinctive blue/green color-coding for instant identification

‡ Qualified with specially designed maintenance-free permanent crimp steam hose fittings



Contact Parker for additional Market & Application information.

Industry and/or Governmental Standards

Parker industrial hose meets a variety of industry and/or governmental specifications and standards. Data in the following table is incorporated in the Hose Selector Guides at the beginning of product sections of this catalog.

Series by Industry and/or Governmental Standard

Industry Stds*	ABYC	ANSI/NSF		API/IP (EI)		ARPM		ASME	BS/EN	CARB	CE	CGA	CSA	EPA	EU	FDA
		51	61	1529	IP-7	IP-14	1361									
Hose Series	7165	100	128	7775	7031R	7261	7244	7776	7165	7165	7109	7132	389	100	100	7581
	SS269	125	714	7776	7109	7262	SS201	7777	7282		7141	7132XTC	397	125	125	SM382
	SW569	126	715	7776CT	7110						7142	7170	7165	126	126	SS200
		162		7777	7120							7231		714	128	SW319
		164			7121							7232		715	162	SW373
		715			7126					CARB/SORE		7233			164	SW430
					7141					389					714	SW630
					7142					397					715	SW640
															7563	SWC683
															7564	SWC683C
														7570		

See product pages for details.

Series by Industry and/or Governmental Standard (Continued)

Industry Stds*	GSA	ISO					MSHA	NMMA	NFPA	Non-conductive		
		A-A-52047 Type VI	1307-1997	2928-1986 (E)	6134 Type 2	7840					8469	407
Hose Series	100	6621	SS106	7263C	7165	SW569	7107	7337	7165	7775	7094	7385
				7263E	SW569		7212	7337M	SW569	7776	7095	7396
			6750	7264			7251	7338		7776CT	7107	GPH
				7264C			7268E	7393		7777	7172	
				7285			7284	7542				
				7286C								
			7288									

See product pages for details.

(Continued on the following page)

*Industry and/or Governmental Organizations

ABYC	American Boat and Yacht Council	ISO	International Standards Organization
ANSI/NSF	American National Standards Institute/ National Sanitation Foundation	MSHA	Mining Safety and Health Administration
API/IP	American Petroleum Institute/Institute of Petroleum	NMMA	National Marine Manufacturers Association
ARPM	Association for Rubber Products Manufacturers	NFPA	National Fire Protection Association
ASME	American Society of Mechanical Engineers	PMO	Pasteurized Milk Ordinance
BS/EN	British Standard/Européene de Normalisation	RoHS	Restriction of Hazardous Substances (Directive)
CARB	California Air Resource Board	SAE	Society of Automotive Engineers
CE	Conformité Européene	TMC	Technology & Maintenance Council (of the American Trucking Associations)
CGA	Compressed Gas Association	UL	Underwriters Laboratories
CSA	Canadian Standards Association	ULC	Underwriters Laboratories Canada
EI	Energy Institute	USCG	United States Coast Guard
EPA	Environmental Protection Agency	USDA	United States Department of Agriculture
EU	European Union	USP	United States Pharmacopoeia (Convention)
FDA	Food and Drug Administration	3-A	(Sanitary Standards)
GSA	Government Services Agency		

Series by Industry and/or Governmental Standard (Continued)

Industry Stds*	PMO		RoHS		SAE							TMC RP303B	
					J20R1	J20R2	J20R3	J20R3EC D2	J20R4	J20R5	J30R5		
Hose Series	SM382	SW373	100	439	6750	6621	6722	7181	SW569	SW569	SW569	6621	
	SS200	SW430	125	440	6751	SW569	6723					6750	
	SW319	SW630	126	450			6724						
		SW640	162	714									
			164	715									
					J30R7	J30R14T2	J1527 A1	J1527 A1-15	J1527 A2	J1942	J2006		
					389	389	SW569	7165	SW569	SW569	SS269		
					395	397					SW569		
					397								
					398								

See product pages for details.

Series by Industry and/or Governmental Standard (Continued)

Industry Stds*	UL				ULC	USDA		USCG		USP	3-A	
	21	92	569	330/30N4	330					Class VI		
Hose Series	7132	167	7170	7114	7114	SM382	SW373	7165	EW499	100	SM382	SW373
	7132XTC			7124	7124	SS200	SW430	EW339	EW439	125	SS200	SW430
	7231			7280	7280	SW319	SW630	EW355	SS269	126	SW319	SW630
	7232			7282	7282		SW640	EW399	SW569	162		SW640
	7233							EW460				
	7243											

See product pages for details.

*Industry and/or Governmental Organizations

ABYC	American Boat and Yacht Council	ISO	International Standards Organization
ANSI/NSF	American National Standards Institute/ National Sanitation Foundation	MSHA	Mining Safety and Health Administration
API/IP	American Petroleum Institute/Institute of Petroleum	NMMA	National Marine Manufacturers Association
ARPM	Association for Rubber Products Manufacturers	NFPA	National Fire Protection Association
ASME	American Society of Mechanical Engineers	PMO	Pasteurized Milk Ordinance
BS/EN	British Standard/Européene de Normalisation	RoHS	Restriction of Hazardous Substances (Directive)
CARB	California Air Resource Board	SAE	Society of Automotive Engineers
CE	Conformité Européene	TMC	Technology & Maintenance Council (of the American Trucking Associations)
CGA	Compressed Gas Association	UL	Underwriters Laboratories
CSA	Canadian Standards Association	ULC	Underwriters Laboratories Canada
EI	Energy Institute	USCG	United States Coast Guard
EPA	Environmental Protection Agency	USDA	United States Department of Agriculture
EU	European Union	USP	United States Pharmacopoeia (Convention)
FDA	Food and Drug Administration	3-A	(Sanitary Standards)
GSA	Government Services Agency		

Parker Industrial Hose Cross-Reference

The following table identifies the products that have been discontinued since the last printing of this catalog and the product cross-reference, if applicable.

Discontinued Series	Refer to Series	Discontinued Series	Refer to Series	Discontinued Series	Refer to Series
1000	—	7335	SS122	SS231	—
2100	SWC609	7521/7522/7523	GPH	SS232	—
3100	SWC683/SWC683G	7543	—	SS236	7363
39521	—	7544	—	SS254	SS107
4100	SWC693	7545	—	SS290	SW430, SW640
4500	SWC609	7561	7560	SW330	SW630
5100	SW373	BR	RGR	SW333	7331
6620	6750	GR	RGR	SW336	7363
6623	6621	SMC683	SWC683/SWC683G	SW339	EW339
7161	7212	SP100	—	SW356	EW355
7180	203	SP204	SWC316/SWC609	SW383	SWC683/SWC683G
7201	—	SP330	SW630	SW431	—
7208E	7213E	SP353	SWC316/SWC609	SW456	7325
7215	—	SP483	SWC683/SWC683G	SW500	7392E
7236	SS201	SS110	7311N	SW560	SW360
7274	7373T/SWC693	SS123	SS201	SW574	SW373
7276	7373T/SWC693	SS131	SS111	SW593	SWC693
7307	7216, SWC609	SS147	SS247	SWC430	SW430, SW640
7308	7308E	SS155	7306H	SWC432	SW430, SW640
7309	7311N/7311NXT	SS187	SS247	SWC509	7213E
7311/7311XT	7311N/7311NXT	SS197	SS200	XSP100	—
7330	7331	SS225	SS247		

Selected Custom Made Hose Removed from Catalog 4800

Contact Parker for availability.

Custom Made Hose Removed from Catalog 4800	Custom Made Hose Removed from Catalog 4800
ES104 Water Hose	EW353 Petroleum Transport Hose
ES115 Water Hose	EW360 Material Handling / Hot Air Hose
ES145 Petroleum Transport Hose	EWC334 Material Handling Hose
ES269 Specialty / Marine Hose	EWC777 Material Handling Hose
ES937 Material Handling Hose	EWC789 Material Handling Hose
EW300 Water Hose	EWC888 Material Handling Hose
EW301 Water Hose	LW701 Specialty / Fire Suppression Hose
EW336 Material Handling Hose	LW720 Specialty / Fire Suppression Hose
	TKW160 Oilfield Hose

WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to www.p65warnings.ca.gov.

Hose Selection

This catalog provides guidance for selecting the proper hose for the applications listed herein. It contains many cautions, descriptions, directions and warnings for the safe and proper use of Parker industrial hose. All aspects of hose selection criteria should be clearly understood before recommending, suggesting, specifying or using any hoses.

⚠ WARNING! Failure to follow recommended application information and recommended procedures for selection, installation, care, maintenance and storage of hose, couplings or hose assemblies may result in failure of the product to perform properly and may result in damage to property, serious bodily injury or death. Make sure that hose selected for any application is appropriate and suitable for that service. Application information is given with each hose listed in the Parker catalog. Refer to the Safety and Technical Data section of this catalog for information regarding safety, care, maintenance and storage. Contact Parker or your local Parker distributor for assistance.

Hose Selection Procedure

- A. If you know the Parker series number, find the page number in the “Index by Series” on pages ii through iii.
- B. If you don’t know the Parker series number, see the “Index by Application and Name” on pages iv through ix , which is divided into various application categories.
- C. If you don’t know the Parker series number or name:

Use the “STAMPED” guide to assist in determining the correct hose, coupling, and attachment method when selecting a hose.

SIZE: Hose inside diameter, outside diameter and overall length

TEMPERATURE: Maximum temperature of the material being conveyed and of the application environment

APPPLICATION: External conditions/environment such as abrasion, bend radius, climate/temperature, crushing, flexing, kinking and exposure to chemicals, oil, ozone and ultraviolet light

MEDIA: Type and concentration of material being conveyed and compatibility with the hose

PRESSURE: Maximum system pressure, including pressure spikes

END: Style, type, attachment method, pressure rating and material compatibility of end couplings and connections

DELIVERY: Testing, packaging and delivery requirements

Other considerations: Abrasion, color, conductivity/nonconductivity, suction/vacuum; industry or regulatory specifications or standards

- D. If you can’t determine the appropriate or suitable hose or have special requirements, call Parker Customer Service at 866-810-HOSE (4673) or 800-242-HOSE (4673).

The hose listings in this catalog provide detailed information to help select the correct hose for most applications. Also refer to the Safety and Technical section of this catalog for general product information. The hose listings include recommended coupling styles. Refer to the Couplings and Equipment section of this catalog for specific product information.

⚠ WARNING! Many product pages contain comparisons to competitor products. These are provided as a tool to identify parts similar in form, fit, or function and are not intended as direct cross-references or direct interchanges to Parker products. The user must take care to compare any variances in materials and constructions between manufacturers, and to ensure the selected hose does not constitute a safety risk or change in required performance. For a more complete guide, refer to www.parker.com/hpd.

NOTES:

A large rectangular area with horizontal lines, intended for taking notes. The lines are evenly spaced and cover the majority of the page's width and height.

Parker Fluid Connectors Group

North American Divisions & Distribution Service Centers

Your complete source for quality tube fittings, hose & hose fittings, brass & composite fittings, quick-disconnect couplings, valves and assembly tools, locally available from a worldwide network of authorized distributors.

Fittings:

Available in inch and metric sizes covering SAE, BSP, DIN, GAZ, JIS and ISO thread configurations, manufactured from steel, stainless steel, brass, aluminum, nylon and thermoplastic.

Hose, Tubing and Bundles:

Available in a wide variety of sizes and materials including rubber, wire-reinforced, thermoplastic, hybrid and custom compounds.

Worldwide Availability:

Parker operates Fluid Connectors manufacturing locations and sales offices throughout North America, South America, Europe and Asia-Pacific.

For information, call toll free...

1-800-C-PARKER
(1-800-272-7537)

North American Divisions

Fluid System Connectors Division

Otsego, MI
phone 269 694 9411
fax 269 694 4614

Hose Products Division

Wickliffe, OH
phone 440 943 5700
fax 440 943 3129

Parflex Division

Ravenna, OH
phone 330 296 2871
fax 330 296 8433

Quick Coupling Division

Minneapolis, MN
phone 763 544 7781
fax 763 544 3418

Tube Fittings Division

Columbus, OH
phone 614 279 7070
fax 614 279 7685

Distribution Service Centers

Buena Park, CA

phone 714 522 8840
fax 714 994 1183

Conyers, GA

phone 770 929 0330
fax 770 929 0230

Louisville, KY

phone 502 937 1322
fax 502 937 4180

Portland, OR

phone 503 283 1020
fax 503 283 2201

Toledo, OH

phone 419 878 7000
fax 419 878 7001
fax 419 878 7420
(FCG Kit Operations)

Canada

Milton, ONT

phone 905 693 3000
fax 905 876 1958
(Contact Milton for other Service Center locations.)

Mexico

Toluca, MEX

phone (52) 722 2754 200
fax (52) 722 2722 168



Parker Hannifin Corporation

Hose Products Division

30240 Lakeland Boulevard
Wickliffe, OH 44092

Customer Service:

Toll Free 866 810 HOSE (4673)
email indhose@parker.com
www.parker.com/hpd