



Parker Industrial Hose

Catalog 4800 June 2024



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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.
- 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, 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.

Parker Industrial Hose

Parker industrial hose products are the preferred choice for transferring abrasive materials, acid and chemicals, air, compressed gases, food, fuel, oil, sanitary materials, 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
- Construction
- Food & Beverage
- General Industrial
- Marine
- Material Handling
- Military
- Mobile Equipment
- Oil and Gas
- Petrochemical
- Transportation

Market-Oriented Solutions

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.

- Development 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*
 - *Minimizes potential leak points created by multiple hose/tubing system connections*



- Introduction of application-specific products such as the new PURE line of food grade hoses that feature FDA-compliant materials and meet stringent industry standards.
 - *GMP certified*
 - *Stainless mandrels yield clean inertubes*
 - *Seamless construction eliminates voids or gaps where bacteria could accumulate*
 - *Multiple covers, pressures, sizes, temperatures*
- Development of leading product solutions, such as the Twinhammer dual hose system for OSHA Respirable Crystalline Silica (RCS) safety standard compliance.
 - *Delivers both air and water in a single, unitized configuration for silica dust suppression in pneumatic jackhammer applications*
 - *Provides secure, maintenance-free connections with permanent crimp couplings for easy and safe handling for operators*
 - *Color-coded hoses allow for quick identification of air and water lines*



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 Elastomerics 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 industrial hoses are designed and constructed to withstand the demanding requirements of harsh fluids and extreme environments.

Not Sure Which Hose You Need? Use the "STAMPED" Guide



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.

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.

When ordering, use this guide to assist in determining the correct hose, coupling and attachment method.

S IZE	Hose inside diameter, outside diameter and overall length
T EMPERATURE	Maximum temperature of the material being conveyed and of the application environment
A PPPLICATION	External conditions/environment such as abrasion, bend radius, climate/temperature, crushing, color, conductivity/nonconductivity, flexing, industry or regulatory specifications, kinking and exposure to chemicals, oil, ozone and ultraviolet light
M EDIA	Type and concentration of material being conveyed and compatibility with the hose
P RESSURE	Maximum system pressure, including pressure spikes, suction/vacuum
E ND S	Style, type, attachment method, pressure rating and material compatibility of end couplings & connections
D ELIVERY	Testing, packaging and delivery requirements

Need Additional Help?

If you can't determine the appropriate or suitable hose or have special requirements, call Parker Customer Service at (440) 943-5700.

⚠ 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 this 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.

⚠ WARNING! Product pages may 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.

Chemical Hose



BLUE THUNDER® UHMWPE Chemical Hose

Series 7373T



view on web page

Series 7373T is a high pressure suction and discharge hose designed to handle the vast majority of commonly used acids, chemicals and solvents. The ultra high molecular weight polyethylene (UHMWPE) tube will not leach into and contaminate the product being conveyed, and features a temperature rating to 180°F (82°C). The corrugated hose construction incorporates a dual wire helix that provides full suction capability, kink resistance, flexibility for ease of handling, and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone.

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

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource.

# Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Perm Cplg Rec *	Nom Std Pack Qty (ft)	Pkg Type
7373T-750	3/4	19.1	2	1.2	30.3	0.40	0.60	3	76	200	14	43	100	Coil
7373T-1000	1	25.4	2	1.5	37.0	0.55	0.82	3	76	200	14	43	100	Coil
7373T-1250	1-1/4	31.8	2	1.7	43.2	0.64	0.95	4	102	200	14	43	100	Coil
7373T-1500	1-1/2	38.1	2	2.0	49.9	0.79	1.18	5	127	200	14	43	100	Coil
7373T-2000	2	50.8	2	2.6	65.0	1.27	1.89	6	152	200	14	43	100	Coil
7373T-2500	2-1/2	63.5	4	3.2	80.1	1.73	2.58	7	178	200	14	*	100	Coil
7373T-3000	3	76.2	4	3.6	92.6	2.12	3.16	7	178	200	14	*	100	Coil
7373T-4000	4	101.6	4	4.7	120.0	3.02	4.50	8	203	200	14	*	100	Coil

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.

Tube: Translucent ultra high molecular weight polyethylene (UHMWPE)

Reinforcement: Multiple textile plies with dual wire helix

Cover: Blue EPDM; corrugated wrapped finish

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

Brand Method: Yellow text on blue stripe

Brand Example: PARKER SERIES 7373T BLUE THUNDER® UHMWPE TUBE MAX WP 200 PSI

Design Factor: 4:1

Industry Standards: None applicable

Applications:

- Acid, chemicals, solvents
- In-plant and storage tank transfer
- Delivery, transport

Vacuum: 29" Hg (737 mm Hg)

Compare to: Boston Chemcat; ContiTech Fabchem; Gates Renegade

⚠️ WARNINGS!

- ▶ The data tables published in the Media Compatibility section of Catalog 4800 are based on tests and believed to be reliable—but the data should be used ONLY as a guide. The compatibility ratings for rubber/non-PVC materials apply to media at 70°F (21°C). However, chemicals may become increasingly aggressive as their temperatures progress above that level. Chemicals at elevated temperatures typically exceed the performance capability of a hose, even if that hose's general rating exceeds 70°F (21°C). Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, it is the user's responsibility to determine hose/chemical/temperature compatibility. All critical applications should be tested.
- ▶ At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
- ▶ Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.

WILDCATTER®

Green Corrugated Chemical Hose

Series SWC693



[view on web page](#)

Series SWC693 is an extremely flexible high pressure suction and discharge hose designed to handle the vast majority of commonly used acids, chemicals and solvents. The ultra high molecular weight polyethylene (UHMWPE) tube will not leach into and contaminate the product being conveyed. The lightweight corrugated hose construction incorporates a dual wire helix that provides full suction capability, superior kink resistance, minimal force-to bend and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone.

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

The Wildcatter trade name indicates the product is designed and manufactured for premium service in oilfield applications. However, Wildcatter products may be used in other industries, markets and applications where the product meets the required performance criteria.

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource.

#														
Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Perm Cplg Rec *	Nom Std Pack Qty (ft)	Pkg Type
SWC693-1000	1	25.4	2	1.5	37	0.53	0.79	1.0	25	250	17	*	100	Coil
SWC693-1250	1-1/4	31.8	2	1.7	44	0.67	1.00	1.3	33	250	17	*	100	Coil
SWC693-1500	1-1/2	38.1	2	2.0	50	0.78	1.16	1.5	38	250	17	*	100	Coil
SWC693-2000	2	50.8	2	2.5	65	1.14	1.70	2.0	51	250	17	*	100	Coil
SWC693-3000	3	76.2	2	3.5	90	1.76	2.62	4.5	114	200	14	*	100	Coil
SWC693-4000	4	101.6	2	4.6	117	2.52	3.75	8.0	203	200	14	*	100	Coil

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

Tube: Translucent ultra high molecular weight polyethylene (UHMWPE)

Reinforcement: Multiple textile plies with dual wire helix

Cover: Green EPDM; corrugated wrapped finish

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

Brand Method: Black text on yellow stripe

Brand Example: PARKER **WILDCATTER** SWC693 CHEMICAL HOSE UHMW TUBE MAX WP XXX PSI

Design Factor: 4:1

Industry Standards: None applicable

Applications:

- Acids, chemicals, solvents
- In-plant and tank transfer, delivery, transport

Vacuum: 29" Hg (737 mm Hg)

⚠ WARNINGS!

- ▶ The data tables published in the Media Compatibility section of Catalog 4800 are based on tests and believed to be reliable—but the data should be used ONLY as a guide. The compatibility ratings for rubber/non-PVC materials apply to media at 70°F (21°C). However, chemicals may become increasingly aggressive as their temperatures progress above that level. Chemicals at elevated temperatures typically exceed the performance capability of a hose, even if that hose's general rating exceeds 70°F (21°C). Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, it is the user's responsibility to determine hose/chemical/temperature compatibility. All critical applications should be tested.
- ▶ At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
- ▶ Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.

WILDCATTER®

High Pressure Chemical Hose

Series 7374



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Series 7374 is a high pressure, high temperature chemical suction and discharge hose designed for high pressure chemical blending functions on oilfield service equipment. The hose handles abrasive solutions and the vast majority of commonly used acids, chemicals and solvents to 180°F (82°C).

The hose construction incorporates a dual wire helix that provides full suction capability, kink resistance, flexibility for ease of handling and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone.

The Wildcatter trade name indicates the product is designed and manufactured for premium service in oilfield applications. However, Wildcatter products may be used in other industries, markets and applications where the product meets the required performance criteria.

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource.

# Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Perm Cplg Rec *	Nom Std Pack Qty (ft)	Pkg Type
7374-1000	1	25.4	4	1.6	40.1	0.68	1.01	4	102	600	41	*	100	Coil
7374-1250	1-1/4	31.8	4	1.8	46.9	0.83	1.24	5	127	400	28	*	100	Coil
7374-1500	1-1/2	38.1	4	2.1	53.1	1.00	1.49	6	152	400	28	*	100	Coil
7374-2000	2	50.8	4	2.7	68.1	1.48	2.21	8	203	400	28	*	100	Coil

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.

Tube: Translucent ultra high molecular weight polyethylene (UHMWPE)

Reinforcement: Multiple textile plies with dual wire helix

Cover: Black EPDM; wrapped finish

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

Brand Method: Yellow text on blue stripe

Brand Example: PARKER **WILDCATTER** 7374 HP CHEMICAL HOSE UHMW TUBE MAX WP XXX PSI

Design Factor: 4:1

Industry Standards: None applicable

Applications:

- Abrasive solutions, acids, chemicals, solvents
- OEM aftermarket/replacement
- Oilfield blender service equipment

Vacuum: 29" Hg (737 mm Hg)

⚠️ WARNINGS!

- ▶ The data tables published in the Media Compatibility section of Catalog 4800 are based on tests and believed to be reliable—but the data should be used ONLY as a guide. The compatibility ratings for rubber/non-PVC materials apply to media at 70°F (21°C). However, chemicals may become increasingly aggressive as their temperatures progress above that level. Chemicals at elevated temperatures typically exceed the performance capability of a hose, even if that hose's general rating exceeds 70°F (21°C). Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, it is the user's responsibility to determine hose/chemical/temperature compatibility. All critical applications should be tested.
- ▶ At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
- ▶ Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.

Paint Fluid Hose

Series 7108



[view on web page](#)

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

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

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource.

#														
Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Perm Cplg Rec *	Nom Std Pack Qty (ft)	Pkg Type
7108-251	1/4	6.4	2	0.5	12.4	0.09	0.13	3	76	500	35	HY, 43	500	Reel
7108-381	3/8	9.5	2	0.7	17.3	0.16	0.24	4	102	500	35	HY, 43	500	Reel
7108-501	1/2	12.7	2	0.9	22.2	0.25	0.37	5	127	750	52	HY, 43	500	Reel

WARNING: This product can expose you to chemicals including DEHP, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Tube: Translucent nylon

Reinforcement: Multiple aramid plies

Cover: Black chloroprene; smooth finish

Temp. Range: 0°F to +200°F (-18°C to +93°C)

Brand Method: White ink

Brand Example: PARKER SERIES 7108 PAINT FLUID HOSE (ID) XXX PSI MAX WP

Design Factor: 4:1

Industry Standards: None applicable

Applications:

- Lacquers, light chemicals, paints, solvents, thinners
- Connector, mixing, transfer service

Vacuum: Not rated

Compare to: Boston Nyall; ContiTech NR Spray; Gates 77B

⚠️ WARNINGS!

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

WILDCATTER®

Blue Chemical Hose

Series SWC693B



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Series SWC693B is a high pressure, high temperature suction and discharge hose designed to transfer, transport and blend/mix the vast majority of commonly used acids, chemicals and solvents. The extremely flexible, lightweight and kink resistant corrugated design easily winds onto truck-mounted reels that service oilfield drilling sites. The hose construction incorporates a dual wire helix that provides full suction capability, superior kink resistance, minimal force-to-bend and a path to conduct a static electrical charge to ground. The distinctive blue cover is resistant to abrasion, mild chemicals and ozone.

The Wildcatter trade name indicates the product is designed and manufactured for premium service in oilfield applications. However, Wildcatter products may be used in other industries, markets and applications where the product meets the required performance criteria.

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource.

# Part Number	ID (in)	ID (mm)	Reinf Lay-ers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP (psi)	Max WP (bar)	Perm Cplg Rec *	Nom Std Pack Qty (ft)	Pkg Type
SWC693B-1000	1	25.4	2	1.4	34.9	0.38	0.57	1	25	250	17	*	100	Coil
SWC693B-1250	1-1/4	31.8	2	1.6	41.3	0.48	0.72	1	33	250	17	*	100	Coil
SWC693B-1500	1-1/2	38.1	2	1.9	47.8	0.62	0.92	2	38	250	17	*	100	Coil
SWC693B-2000	2	50.8	2	2.4	61.9	0.93	1.39	2	51	250	17	*	100	Coil
SWC693B-3000	3	76.2	2	3.4	87.3	1.45	2.16	5	114	200	14	*	100	Coil
SWC693B-4000	4	101.6	2	4.5	114.3	2.17	3.23	8	203	200	14	*	100	Coil

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

Tube: Translucent ultra high molecular weight polyethylene (UHMWPE)

Reinforcement: Multiple textile plies with dual wire helix

Cover: Blue EPDM; corrugated wrapped finish

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

Brand Method: Yellow text on blue stripe

Brand Example: PARKER **WILDCATTER** SWC693B CHEMICAL HOSE UHMW TUBE
MAX WP XXX PSI

Design Factor: 4:1

Industry Standards: None applicable

Applications:

- Acids; chemicals; DEF fill & suction/transfer; solvents
- In-plant and tank transfer delivery, transport
- General industrial, oilfield

Vacuum: 29" Hg (737 mm Hg)

⚠️ WARNINGS!

- ▶ The data tables published in the Media Compatibility section of Catalog 4800 are based on tests and believed to be reliable—but the data should be used ONLY as a guide. The compatibility ratings for rubber/non-PVC materials apply to media at 70°F (21°C). However, chemicals may become increasingly aggressive as their temperatures progress above that level. Chemicals at elevated temperatures typically exceed the performance capability of a hose, even if that hose's general rating exceeds 70°F (21°C). Contact Parker for chemical compatibility data at elevated temperatures. If no data exists, it is the user's responsibility to determine hose/chemical/temperature compatibility. All critical applications should be tested.
- ▶ At operating temperatures of 125°F and above, only permanently attached couplings should be installed. At any operating temperature, couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the NAHAD Industrial Hose Assembly Guidelines.
- ▶ Do not use with internally expanded couplings. Refer to chemical hoses that incorporate a MXLPE tube.

PUREPTFE

7660



[view on web page](#)

Series 7660P a high-quality delivery and suction hose for both chemicals and solvents. This series is designed to convey various chemicals, cosmetics, and pharmaceutical materials. Not intended for use with chlorine trifluoride, chlorine/fluoride gas, human fluids, liquid alkalis, and oxygen difluoride. Tube material consists of premium PTFE which has exceptional temperature tolerance. We offer multiple cover options to fit your applications individual needs.

# Part Number	Hose ID		Hose OD		Vacuum		Max. Working Pressure		Min. Burst Pressure		Weight		Bend Radius	
	in	mm	in	mm	in of Hg	kPa	psi	bar	psi	bar	lbs/ft	kg/m	in	mm
7660-0500	.50	13	1	25	26.5	90	250	16	1000	64	0.34	0.50	2.95	75
7660-0750	.75	19	1.22	31	26.5	90	250	16	1000	64	0.34	0.51	4.33	110
7660-1000	1	25	1.46	37	26.5	90	250	16	1000	64	0.44	0.66	5.91	150
7660-1500	1.5	38	2	51	26.5	90	250	16	1000	64	0.74	1.11	9.45	240
7660-2000	2	50	2.6	64	26.5	90	250	16	1000	64	0.90	1.35	12.6	320

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

PUREPTFE 7660 hose complies with the following standards:



Tube: Clear PTFE

Temperature: -40°F / +302°F (-40°C / +150°C)

Reinforcement: Synthetic plies, stainless steel wire helices, a/s wire to discharge static electricity.

Cover: White, EPDM, Smooth wrapped finish. Aging,

PURE ozone resistant

Sterilization: Refer to Parker's guidelines for cleaning and sanitizing.

ISO 1307: For dimensional tolerances.

Applications: Various chemicals, cosmetics, pharmaceutical materials

PUREPTFE

7660P



[view on web page](#)

Series 7660P a high-quality delivery and suction hose for both chemicals and solvents. This series is designed to convey various chemicals, cosmetics, and pharmaceutical materials. Not intended for use with chlorine trifluoride, chlorine/fluoride gas, human fluids, liquid alkalis, and oxygen difluoride. Tube material consists of premium PTFE which has exceptional temperature tolerance. We offer multiple cover options to fit your applications individual needs.

# Part Number	Hose ID		Hose OD		Vacuum		Max. Working Pressure		Min. Burst Pressure		Weight		Bend Radius	
	in	mm	in	mm	in of Hg	kPa	psi	bar	psi	bar	lbs/ft	kg/m	in	mm
7660P-0500	.50	13	1	25	26.5	90	150	10	600	40	0.33	0.49	2.76	70
7660P-0750	.75	19	1.22	31	26.5	90	150	10	600	40	0.43	0.64	3.94	100
7660P-1000	1	25	1.46	37	26.5	90	150	10	600	40	0.53	0.79	5.12	130
7660P-1500	1.5	38	2	51	26.5	90	150	10	600	40	0.83	1.24	7.48	190
7660P-2000	2	50	2.6	64	26.5	90	150	10	600	40	1.23	1.84	9.84	250

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

PUREPTFE 7660P hose complies with the following standards:



Tube: Black PTFE, conductive

Temperature: -40°F / +302°F (-40°C / +150°C)

Reinforcement: Synthetic plies, stainless steel wire helices, a/s wire to discharge static electricity.

Cover: White EPDM Corrugated w/ Black Conductive Chips, UHMWPE Low Friction finish. Oil, abrasion, aging, ozone resistant. Meets FDA 21 CFR 177.1520



Sterilization: Refer to Parker's guidelines for cleaning and sanitizing.

EN12115

Applications: Various chemicals, cosmetics, pharmaceutical materials