

Chemical



8

Hose Selector Guide – by application

Series	Trademark	Hose Application / Construction / Selector Guide		Tube	Cover	Size Range (in)	Pressure Range (psi)	Temp Range (°F)	Page No.
7108		Paint transfer		Nylon	Chloroprene	1/4 - 1/2	500-750	0 / +200	80
7180	THORO-SPRAY®	Chemical spray		Nitrile	Nitrile/PVC	1/4 - 1/2	800	-20 / +180	79
7261		Anhydrous ammonia	Stainless steel reinforced	EPDM	EPDM	1 - 2	350	-40 / +180	77
7262		Anhydrous ammonia	Nylon reinforced	EPDM	EPDM	1/2 - 2	350	-40 / +180	75
7274	POLY-CHEM®	Chemical transfer	Corrugated, green	XLPE	EPDM	1 - 4	150-200	-20 / +160	63
7276	POLY-CHEM®	Chemical transfer	Smooth, green	XLPE	EPDM	3/4 - 4	150-200	-20 / +160	64
7373T	BLUE THUNDER®	Chemical transfer	Corrugated, blue	UHMWPE	EPDM	3/4 - 4	200	-40 / +250	58
SMC683	RELIAMAX®	Chemical transfer	Corrugated, black	MXLPE	EPDM	3/4 - 4	200	-40 / +250	67
SP100			PVC banding coil	n/a	n/a	2 - 6	n/a	n/a	71
XSP100			PVC abrasion coil	n/a	n/a	2 - 6	n/a	n/a	71
SP483	LIGHT-N-BRIGHT™	Chemical transfer	PVC external helix	MXLPE	Synthetic rubber	2 - 4	150	-40 / +180	70
SW373		Chemical transfer	Smooth, yellow	FEP	EPDM	1/2 - 4	100-500	-40 / +300	72
SW383	EXACT-CHEM™	Chemical transfer	Smooth, blue	MXLPE	EPDM	1 - 6	150-200	-40 / +180	68
SW574	TITANFLEX®	Chemical transfer	Smooth, blue	FEP	EPDM	3/4 - 4	200-400	-40 / +300	73
SW593	SPARTAN™	Chemical transfer	Smooth, green	UHMWPE	EPDM	1 - 3	200	-40 / +250	62
SWC683	TITANFLEX®	Chemical transfer	Corrugated, black	MXLPE	EPDM	1 - 4	200-250	-40 / +250	65
SWC683G	TITANFLEX®	Chemical transfer	Corrugated, green	MXLPE	EPDM	1 - 4	200-250	-40 / +250	65
SWC693	TITANFLEX®	Chemical transfer	Corrugated, green	UHMWPE	EPDM	1 - 4	200-250	-40 / +250	60

NOTE: This is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. Refer to product pages for specific data. Contact Parker for additional information.

Due to continual product improvements, Parker reserves the right to alter specifications without prior notice.

Hose Selector Guide – by industry standard

Industry Standards	ARPM IP-14	FDA	USDA	3-A
Hose Series	7261	SW373	SW373	SW373
	7262	SW383	SW383	SW383
		SW574	SW574	SW574
		SWC693	SWC693	SWC693

NOTE: This is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. Refer to product pages for specific data. Contact Parker for additional information.



BLUE THUNDER® UHMWPE Chemical Hose

Series 7373T

Series 7373T is a high pressure, high temperature suction and discharge hose designed to handle approximately 98% 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 250°F (121°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. Series 7373T is available in 200-foot continuous lengths.

NOTE: Refer to the [Safety and Technical](#) section of this catalog for safety, handling and use information. Refer to the [Chemical Guide](#) section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

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 +250°F (-40°C to +121°C)
Brand Method:	Yellow text on blue stripe
Brand Example:	PARKER SERIES 7373T BLUE THUNDER® UHMWPE TUBE MAX WP 200 PSI MADE IN USA (LOT#)
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Acid, chemicals, solvents • In-plant and storage tank transfer • Delivery, transport
Vacuum:	Full
Compare to:	Boston Chemcat; Gates Renegade; Veyance Fabchem
Packaging:	Coils

(Continued on the following page)

⚠️ 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.
- ▶ 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.

Series 7373T Hose – Blue Thunder® UHMWPE Chemical Hose (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7373T-750	3/4	19.1	2	1.193	30.3	0.40	0.18	3.0	76.2	200	13.8	43	100	Y
7373T-1000	1	25.4	2	1.457	37.0	0.55	0.25	3.0	76.2	200	13.8	43	100	Y
7373T-1250	1-1/4	31.8	2	1.700	43.2	0.64	0.29	4.0	101.6	200	13.8	43	100	Y
7373T-1500	1-1/2	38.1	2	1.965	49.9	0.79	0.36	5.0	127.0	200	13.8	43	100	Y
7373T-2000	2	50.8	2	2.560	65.0	1.27	0.58	6.0	152.4	200	13.8	43, RE, RST, TM, WC	100	Y
7373T-2500	2-1/2	63.5	4	3.154	80.1	1.73	0.78	7.0	177.8	200	13.8	*	100	N
7373T-3000	3	76.2	4	3.645	92.6	2.12	0.96	7.0	177.8	200	13.8	HAPS, RE, RST, TM	100	Y
7373T-4000	4	101.6	4	4.724	120.0	3.02	1.37	8.0	203.2	200	13.8	HAPS	100	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



TITANFLEX® UHMWPE Chemical Hose FDA, USDA, 3-A Series SWC693

Series SWC693 is an extremely flexible, high pressure, high temperature suction and discharge hose designed to handle approximately 98% of commonly used acids, chemicals and solvents as well as food, pharmaceutical and sanitary materials. The hose is manufactured using polished stainless steel mandrels for an ultra-smooth tube that will not impart taste or odor. The ultra high molecular weight polyethylene (UHMWPE) tube meets FDA, USDA and 3-A requirements and 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 section](#) of this catalog for safety, handling and use information. Refer to the [Chemical Guide section](#) of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

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 +250°F (-40°C to +121°C)
Brand Method:	Black text on yellow stripe
Brand Example:	PARKER SERIES SWC693 TITANFLEX® UHMWPE CHEMICAL SUCTION HOSE XXX PSI MADE IN USA
Design Factor:	4:1
Industry Standards:	FDA, USDA, 3-A
Applications:	<ul style="list-style-type: none"> • Non-fatty and non-oily foods and liquids, potable water, sanitary products • Acids, chemicals, solvents • In-plant and tank transfer, delivery, transport
Vacuum:	Full
Packaging:	Coils

(Continued on the following page)

⚠️ 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.
- ▶ 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.

Series SWC693 Hose – Titanflex® UHMWPE Chemical Hose (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SWC693-1000	1	25.4	2	1.375	34.9	0.38	0.17	1.0	25.4	250	17.2	HAPS	100	Y
SWC693-1250	1-1/4	31.8	2	1.625	41.3	0.48	0.22	1.3	33.0	250	17.2	*	100	N
SWC693-1500	1-1/2	38.1	2	1.875	47.8	0.62	0.28	1.5	38.1	250	17.2	HAPS	100	N
SWC693-2000	2	50.8	2	2.438	61.9	0.93	0.42	2.0	50.8	250	17.2	HAPS	100	Y
SWC693-3000	3	76.2	2	3.438	87.3	1.45	0.66	4.5	114.3	200	13.8	*	100	Y
SWC693-4000	4	101.6	2	4.500	114.3	2.17	0.98	8.0	203.2	200	13.8	*	100	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



SPARTAN™

UHMWPE Chemical Hose

Series SW593

Series SW593 is a lightweight, high pressure, high temperature suction and discharge hose designed to handle approximately 98% 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 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](#) section of this catalog for safety, handling and use information. Refer to the [Chemical Guide](#) section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube:	Translucent ultra high molecular weight polyethylene (UHMWPE)
Reinforcement:	Multiple textile plies with dual wire helix
Cover:	Green EPDM; wrapped finish
Temp. Range:	-40°F to +250°F (-40°C to +121°C)
Brand Method:	Green text on yellow stripe
Brand Example:	PARKER SERIES SW593 SPARTAN™ UHMWPE CHEMICAL SUCTION HOSE 200 PSI WP
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Acids, chemicals, solvents • In-plant tank transfer • Delivery, transport
Vacuum:	Full
Packaging:	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW593-1000	1	25.4	2	1.375	34.9	0.41	0.19	6.0	152.4	200	13.8	*	100	Y
SW593-1500	1-1/2	38.1	2	1.875	47.6	0.63	0.29	9.0	228.6	200	13.8	*	100	N
SW593-2000	2	50.8	2	2.438	61.9	1.01	0.46	12.0	304.8	200	13.8	*	100	Y
SW593-3000	3	76.2	2	3.440	87.3	1.63	0.74	18.0	457.2	200	13.8	*	100	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

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⚠️ 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.
- ▶ 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.



POLY-CHEM®

XLPE Corrugated Chemical Hose

Series 7274

Series 7274 is a flexible suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The cross-linked polyethylene (XLPE) tube will not leach into and contaminate the product being conveyed. The corrugated hose construction incorporates a wire helix that provides full suction capability, flexibility, kink resistance and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone. Series 7274 is available in 200-foot continuous lengths.

NOTE: Refer to the [Safety and Technical](#) section of this catalog for safety, handling and use information. Refer to the [Chemical Guide](#) section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube:	Translucent cross-linked polyethylene (XLPE)
Reinforcement:	Multiple textile plies with dual wire helix
Cover:	Green EPDM; corrugated wrapped finish
Temp. Range:	-20°F to +160°F (-29°C to +71°C)
Brand Method:	Green text on yellow stripe
Brand Example:	PARKER SERIES 7274 CORRUGATED POLY-CHEM® 200 PSI MAX WP MADE IN USA (LOT#)
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Acids, chemicals, solvents • In-plant tank transfer • Delivery, transport
Vacuum:	Full
Compare to:	Boston Panther Chemical Transfer; Veyance Blue Flexwing
Packaging:	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7274-1002	1	25.4	2	1.475	37.5	0.55	0.25	3.0	76.2	200	13.8	43	100	Y
7274-1252	1-1/4	31.8	2	1.710	43.4	0.63	0.29	4.0	101.6	200	13.8	43	100	Y
7274-1502	1-1/2	38.0	2	2.000	50.8	0.77	0.35	5.0	127.0	200	13.8	43	100	Y
7274-2002	2	50.8	2	2.519	65.2	1.14	0.52	6.0	152.4	200	13.8	43, RE, RST, TM, WC	100	Y
7274-2502	2-1/2	63.5	4	3.086	78.4	1.58	0.72	7.0	177.8	200	13.8	*	100	N
7274-3002	3	76.2	4	3.580	90.9	1.91	0.87	7.0	177.8	200	13.8	RE, RST, TM	100	Y
7274-4002	4	101.6	4	4.710	119.6	2.85	1.29	8.0	203.2	200	13.8	*	100	N

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠ WARNINGS!

- ▶ 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.
- ▶ 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.



POLY-CHEM® XLPE Chemical Hose

Series 7276

Series 7276 is a suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The cross-linked polyethylene (XLPE) tube will not leach into and contaminate the product being conveyed. The hose construction incorporates a wire helix that provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone. Series 7276 is available in 200-foot continuous lengths.

NOTE: Refer to the [Safety and Technical](#) section of this catalog for safety, handling and use information. Refer to the [Chemical Guide](#) section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube:	Translucent cross-linked polyethylene (XLPE)
Reinforcement:	Multiple textile plies with dual wire helix
Cover:	Green EPDM; wrapped finish
Temp. Range:	-20°F to +160°F (-29°C to +71°C)
Brand Method:	Green text on yellow stripe
Brand Example:	PARKER SERIES 7276 POLY-CHEM® HOSE 200 PSI MAX WP MADE IN USA (LOT#)
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Acids, chemicals, solvents • In-plant tank transfer • Delivery, transport
Vacuum:	Full
Compare to:	Boston Panther Chemical Transfer; Veyance Blue Flexwing
Packaging:	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7276-752	3/4	19.1	2	1.250	31.8	0.45	0.20	3.0	76.2	200	13.8	43	100	Y
7276-1002	1	25.4	2	1.475	37.5	0.56	0.25	4.0	101.6	200	13.8	43	100	Y
7276-1252	1-1/4	31.8	2	1.715	43.6	0.65	0.29	5.0	127.0	200	13.8	43	100	Y
7276-1502	1-1/2	38.0	2	2.000	50.8	0.90	0.41	6.0	152.4	200	13.8	43	100	Y
7276-2002	2	50.8	2	2.567	65.2	1.32	0.60	8.0	203.2	200	13.8	43, HAPS, RE, RST, TM, WC	100	Y
7276-3002	3	76.2	4	3.606	91.6	2.10	0.95	12.0	304.8	200	13.8	RE, RST, TM	100	Y
7276-4002	4	101.6	4	4.700	119.4	2.99	1.36	16.0	406.4	200	13.8	*	100	N

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠️ WARNINGS!

- ▶ 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.
- ▶ 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.



TITANFLEX® Modified XLPE Chemical Hose

Series SWC683 (Black) and
Series SWC683G (Green)

Series SWC683/SWC683G is a flexible, lightweight, high pressure, high temperature suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The modified cross-linked polyethylene (MXLPE) tube will not leach into and contaminate the product being conveyed, and features a temperature rating to 250°F (121°C). Series SWC683/SWC683G can be cleaned with a 10% alkali bath, hot water or low pressure steam. The corrugated hose construction incorporates a dual wire helix that provides full suction capability, flexibility, kink resistance and a path to conduct a static electrical charge to ground, and is suitable for use with internally expanded couplings. The cover is resistant to abrasion, mild chemicals and ozone.

NOTE: Refer to the [Safety and Technical](#) section of this catalog for safety, handling and use information. Refer to the [Chemical Guide](#) section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube:	Tan modified cross-linked polyethylene (MXLPE)
Reinforcement:	Multiple textile plies with dual wire helix
Cover:	SWC683: Black EPDM, corrugated wrapped finish SWC683G: Green EPDM, corrugated wrapped finish
Temp. Range:	-40°F to +250°F (-40°C to +121°C)
Brand Method:	Red text on yellow stripe
Brand Example:	PARKER SERIES SWC683 (SWC683G) TITANFLEX® MOD XLPE CHEMICAL SUCTION XXX PSI WP MADE IN USA
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Acid, chemicals, solvents • In-plant tank transfer • Delivery, transport
Vacuum:	Full
Compare To:	Gates Mustang
Packaging:	Coils

(Continued on the following page)

⚠️ 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.
- ▶ 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](#).

Series SWC683 (Black) and Series SWC683G (Green) Hose – Titanflex® Modified XLPE Chemical Hose (Continued)

Series SWC683 (Black)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SWC683-1000	1	25.4	2	1.500	38.1	0.49	0.22	2.0	50.8	250	17.2	*	100	Y
SWC683-1500	1-1/2	38.1	2	2.031	51.6	0.71	0.32	3.0	76.2	250	17.2	*	100	Y
SWC683-2000	2	50.8	2	2.563	65.1	1.05	0.48	4.0	101.6	250	17.2	*	100	Y
SWC683-2500	2-1/2	63.5	2	3.015	76.6	1.47	0.67	5.0	127.0	200	13.8	*	100	N
SWC683-3000	3	76.2	2	3.625	92.1	1.93	0.88	6.0	152.4	200	13.8	*	100	Y
SWC683-4000	4	101.6	2	4.625	117.5	2.60	1.21	8.0	203.2	175	12.1	*	100	Y
SWC683-6000	6	152.4	2	6.750	171.5	4.22	1.91	18.0	457.2	125	8.6	*	100	N

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Series SWC683G (Green)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SWC683G-1000	1	25.4	2	1.500	38.1	0.49	0.22	2.0	50.8	250	17.2	*	100	Y
SWC683G-1500	1-1/2	38.1	2	2.031	51.6	0.77	0.35	3.0	76.2	250	17.2	*	100	N
SWC683G-2000	2	50.8	2	2.563	65.1	1.04	0.47	4.0	101.6	250	17.2	*	100	Y
SWC683G-2500	2-1/2	63.5	2	3.015	76.6	1.48	0.67	5.0	127.0	200	13.8	*	100	N
SWC683G-3000	3	76.2	2	3.625	92.1	1.98	0.90	6.0	152.4	200	13.8	*	100	Y
SWC683G-4000	4	101.6	2	4.625	117.5	2.66	1.21	8.0	203.2	175	12.1	*	100	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



RELIAMAX™

Modified XLPE Crush Resistant Corrugated Chemical Hose

Series SMC683

Series SMC683 is an extremely flexible, high pressure, high temperature suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The modified cross-linked polyethylene (MXLPE) tube will not leach into and contaminate the product being conveyed, and features a temperature rating to 250°F (121°C). The lightweight corrugated hose construction incorporates a dual monofilament helix that provides full suction capability with superior crush and kink resistance—allowing the hose to return to its original shape—and flexibility, and is suitable for use with internally expanded couplings. The dual static wires provide a path to conduct an electrical charge to ground. The cover is resistant to abrasion, mild chemicals and ozone.

NOTE: Refer to the [Safety and Technical section](#) of this catalog for safety, handling and use information. Refer to the [Chemical Guide section](#) of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube:	Tan modified cross-linked polyethylene (MXLPE)
Reinforcement:	Multiple textile plies with dual monofilament helix and dual static wires
Cover:	Black EPDM; corrugated wrapped finish
Temp. Range:	-40°F to +250°F (-40°C to +121°C)
Brand Method:	Black text on yellow stripe
Brand Example:	PARKER SERIES SMC683 RELIAMAX™ CRUSH RESISTANT MOD XLPE CHEMICAL SUCTION HOSE 200 WP MADE IN USA
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Acid, chemicals, solvents • In-plant tank transfer • Delivery, transport
Vacuum:	Full
Packaging:	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SMC683-750	3/4	19.1	2	1.344	34.0	0.46	0.21	3.0	76.2	200	13.8	*	100	N
SMC683-1000	1	25.4	2	1.563	39.7	0.57	0.26	4.0	101.6	200	13.8	*	100	N
SMC683-1500	1-1/2	38.1	2	2.094	53.2	0.79	0.36	6.0	152.4	200	13.8	*	100	N
SMC683-2000	2	50.8	2	2.750	69.9	1.16	0.53	8.0	203.2	200	13.8	*	100	N
SMC683-3000	3	76.2	2	3.781	96.0	1.86	0.84	14.0	355.6	200	13.8	*	100	N
SMC683-4000	4	101.6	2	4.781	121.4	2.46	1.12	20.0	508.0	200	13.8	*	100	N

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠️ WARNINGS!

- ▶ 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.
- ▶ 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](#).



EXACT-CHEM™

Modified XLPE Chemical Hose

FDA, USDA, 3-A

Series SW383

Series SW383 is a high pressure, high temperature suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The hose construction incorporates a modified cross-linked polyethylene (MXLPE) tube that features a temperature rating to 180°F (82°C), meets FDA, USDA and 3-A requirements, and will not leach into and contaminate the product being conveyed. The dual wire helix provides full suction capability, kink resistance and a path to conduct a static electrical charge to ground, and is suitable for use with internally expanded couplings. The cover is resistant to abrasion, mild chemicals and ozone.

NOTE: Refer to the [Safety and Technical section](#) of this catalog for safety, handling and use information. Refer to the [Chemical Guide section](#) of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube:	Tan modified cross-linked polyethylene (MXLPE)
Reinforcement:	Multiple textile plies with dual wire helix
Cover:	Blue EPDM; wrapped finish
Temp. Range:	-40°F to +180°F (-40°C to +82°C)
Brand Method:	Blue text on yellow stripe
Brand Example:	PARKER SERIES SW383 EXACT-CHEM™ MOD X-LINK HOSE XXX PSI WP MADE IN USA
Design Factor:	4:1
Industry Standards:	FDA, USDA, 3-A
Applications:	<ul style="list-style-type: none"> • Non-fatty and non-oily foods and liquids, potable water, sanitary products • Acid, chemicals, solvents • In-plant and tank transfer, delivery, transport
Vacuum:	Full
Compare to:	Boston Panther Chemical Transfer; Gates Mustang 45HW; Veyance Blue Flexwing
Packaging:	Coils

(Continued on the following page)

⚠️ WARNINGS!

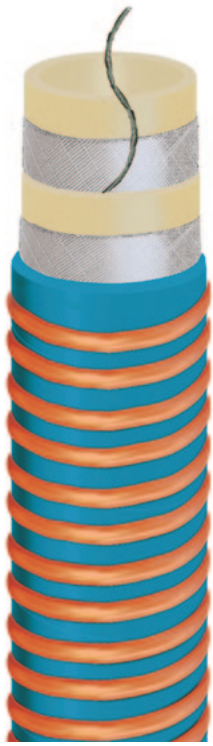
- ▶ It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, 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.
- ▶ 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](#).

Series SW383 – Exact-Chem™ Modified XLPE Chemical Hose (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW383-1000	1	25.4	2	1.500	38.1	0.56	0.25	6.0	152.4	200	13.8	*	100	N
SW383-1250	1-1/4	31.8	2	1.750	44.5	0.68	0.31	8.0	203.2	200	13.8	*	100	N
SW383-1500	1-1/2	38.1	2	2.000	50.8	0.77	0.35	9.0	228.6	200	13.8	*	100	N
SW383-2000	2	50.8	2	2.531	64.3	1.08	0.49	12.0	304.8	200	13.8	*	100	Y
SW383-3000	3	76.2	2	3.656	92.9	2.02	0.92	18.0	457.2	150	10.3	*	100	Y
SW383-4000	4	101.6	2	4.719	119.9	3.03	1.37	28.0	711.2	150	10.3	*	100	Y
SW383-6000	6	152.4	2	6.813	173.0	5.90	2.68	42.0	1066.8	150	10.3	*	100	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



LIGHT-N-BRIGHT™

Modified XLPE Chemical Hose

External PVC Helix

Series SP483

Series SP483 is an extremely flexible suction and discharge hose designed to handle many commonly used acids, chemicals and solvents. The modified cross-linked polyethylene (MXLPE) tube will not leach into and contaminate the product being conveyed. The lightweight hose construction incorporates a static wire as a path to conduct an electrical charge to ground, and the cover features an external PVC helix for full suction capability and superior abrasion, crush and kink resistance. Series SP100 banding coils are recommended for installation of couplings. Series XSP100 abrasion coils are available for maximum abrasion resistance along the entire length of the hose.

NOTE: Refer to the [Safety and Technical section](#) of this catalog for safety, handling and use information. Refer to the [Chemical Guide section](#) of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube:	Tan modified cross-linked polyethylene (MXLPE)
Reinforcement:	Multiple textile plies with static wire
Cover:	Blue synthetic rubber with external orange PVC helix
Temp. Range:	-40° to +180°F (-40°C to +82°C)
Brand Method:	Not branded
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Acid, chemicals, solvents • In-plant tank transfer • Delivery, transport
Vacuum:	Full
Packaging:	Coils
Couplings:	Requires SP100 Banding Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SP483-2000	2	50.8	2	3.00	76.2	1.23	0.56	16.0	406.4	150	10.3	*	100	N
SP483-3000	3	76.2	2	4.00	101.6	1.76	0.80	24.0	609.6	150	10.3	*	100	N
SP483-4000	4	101.6	2	5.00	127.0	2.30	1.04	28.0	711.2	150	10.3	*	100	N

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠️ WARNINGS!

- ▶ 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.
- ▶ 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](#).



Orange PVC Banding Coil / PVC Abrasion Coil

Series SP100 / XSP100





Series SP100 is a rugged PVC coil that threads onto a complementary hose end to create a uniform banding area for coupling attachment. The coil fills the gaps between the loops of the outer PVC helix of the hose, providing an area for securing the banding clamp or ferrule. Series XSP100 threads onto the entire length of a complementary hose to protect it from abrasion and scuffs, helping to extend hose life in highly abrasive areas. Series SP100 and XSP100 are applied to Parker SP204, SP330, SP353 and SP483 hoses.

SP100

Part Number	Hose ID (in)	Hose ID (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Turns	Stock Status **
SP100-2000	2	50.8	0.19	0.09	8	Y
SP100-3000	3	76.2	0.33	0.15	10	Y
SP100-4000	4	101.6	0.46	0.21	10	Y
SP100-6000	6	152.4	1.02	0.46	16	Y

** Stock: "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Other colors available:

Gray	
Green	
Red	
Sand Matte	

Optional Colors: Gray, Green, Red, Sand Matte. Specify when ordering.

XSP100

Part Number	Hose ID (in)	Hose ID (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Ft.	Stock Status **
XSP100-2000	2	50.8	0.19	0.09	100	N
XSP100-3000	3	76.2	0.33	0.15	100	N
XSP100-4000	4	101.6	0.46	0.21	100	N
XSP100-6000	6	152.4	1.02	0.46	100	N

** Stock: "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Optional Colors: Gray, Green, Red, Sand Matte. Specify when ordering.



FEP Chemical Hose

FDA, USDA, 3-A

Series SW373

Series SW373 is a premium quality high pressure, high temperature suction and discharge hose designed to handle approximately 99.5% of commonly used acids, chemicals and solvents, as well as food and sanitary materials. The fluorinated ethylene propylene (FEP) tube meets FDA, USDA and 3-A requirements, will not leach into and contaminate the product being conveyed, and features a temperature rating to 300°F (149°C). The hose construction incorporates a dual wire helix that provides full suction capability, kink resistance 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 section](#) of this catalog for safety, handling and use information. Refer to the [Chemical Guide section](#) of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube:	White fluorinated ethylene propylene (FEP)
Reinforcement:	Multiple textile plies with dual wire helix
Cover:	Yellow EPDM; wrapped finish
Temp. Range:	-40° to +300°F (-40°C to +149°C)
Brand Method:	Yellow text on red stripe
Brand Example:	PARKER SERIES SW373 FEP HOSE MEETS FDA, 3-A & USDA REQUIREMENTS XXX PSI WP MADE IN USA
Design Factor:	4:1
Industry Standards:	FDA, USDA, 3-A
Applications:	<ul style="list-style-type: none"> • Non-fatty and non-oily foods and liquids, potable water, sanitary products • Acids, chemicals, solvents • In-plant and tank transfer, delivery, transport
Vacuum:	Full
Packaging:	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW373-500	1/2	12.7	2	0.969	24.6	0.37	0.17	7.0	177.8	500	34.5	*	100	N
SW373-750	3/4	19.1	2	1.250	31.8	0.55	0.25	8.0	203.2	500	34.5	*	100	N
SW373-1000	1	25.4	2	1.531	38.9	0.69	0.31	9.0	228.6	400	27.6	*	100	N
SW373-1250	1-1/4	31.8	2	1.750	44.5	0.75	0.34	11.0	279.4	375	25.9	*	100	N
SW373-1500	1-1/2	38.1	2	2.125	54.0	1.11	0.50	12.0	304.8	350	24.1	*	100	N
SW373-2000	2	50.8	2	2.688	68.3	1.57	0.71	16.0	406.4	300	20.7	*	100	N
SW373-3000	3	76.2	4	3.875	98.4	2.86	1.30	30.0	762.0	200	13.8	*	100	N
SW373-4000	4	101.6	4	5.000	127.0	4.28	1.94	42.0	1066.8	150	10.3	*	100	N

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠️ WARNINGS!

- ▶ 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.
- ▶ 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](#).



TITANFLEX®

FEP Chemical Hose

FDA, USDA, 3-A

Series SW574

Series SW574 is a flexible, lightweight, premium quality suction and discharge hose designed for use in high temperature, high pressure chemical and purity applications. The fluorinated ethylene propylene (FEP) tube is compatible with 99.5% of commonly used chemicals and solvents, as well as food, pharmaceutical and sanitary materials. The tube also has an elevated temperature rating of 300°F (149°C), will not leach into and contaminate the product being conveyed, and meets FDA, USDA and 3-A requirements. The special construction incorporates a dual wire helix that provides full suction capability, superior force-to-bend and kink resistance and a path to conduct a static electrical charge to ground. The EPDM cover is resistant to abrasion, mild chemicals and ozone.

NOTE: Refer to the [Safety and Technical section](#) of this catalog for safety, handling and use information. Refer to the [Chemical Guide section](#) of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube:	White fluorinated ethylene propylene (FEP)
Reinforcement:	Multiple textile plies with dual wire helix
Cover:	Blue EPDM; wrapped finish
Temp. Range:	-40°F to +300°F (-40°C to +149°C)
Brand Method:	Red text on yellow stripe
Brand Example:	PARKER SERIES SW574 TITANFLEX® FEP CHEMICAL/FOOD QUALITY HOSE XXX PSI MEETS FDA/3-A/USDA REQUIREMENTS (3-A LOGO) MADE IN USA
Design Factor:	4:1
Industry Standards:	FDA, USDA, 3-A
Applications:	<ul style="list-style-type: none"> • Non-fatty and non-oily foods and liquids, potable water, sanitary products • Acids, chemicals, solvents • In-plant and tank transfer, delivery, transport
Vacuum:	Full
Packaging:	Coils

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⚠️ WARNINGS!

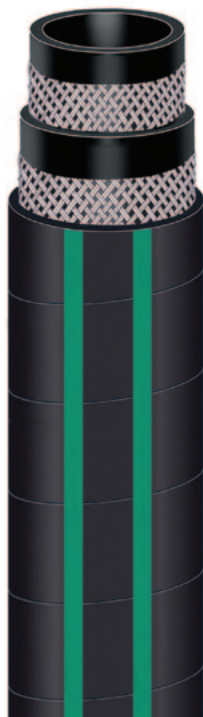
- ▶ It is the responsibility of the user to determine if the hose is suitable for the application. Most chemical resistance guides are based on temperatures of 70°F (21°C). Elevated temperatures can change the chemical resistance ratings. Many chemicals will become more aggressive as temperatures increase, 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.
- ▶ At operating temperatures of 125°F (52°C) 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.

Series SW574 – Titanflex® FEP Chemical Hose (Continued)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
SW574-750	3/4	19.1	2	1.281	32.5	0.48	0.22	2.0	50.8	400	27.6	*	100	N
SW574-1000	1	25.4	2	1.469	37.3	0.52	0.24	2.5	63.5	400	27.6	*	100	N
SW574-1500	1-1/2	38.1	2	2.031	51.6	0.81	0.37	4.0	101.6	300	20.7	*	100	N
SW574-2000	2	50.8	2	2.531	64.3	1.11	0.50	6.5	165.1	300	20.7	*	100	N
SW574-3000	3	76.2	2	3.688	93.7	2.17	0.98	12.0	304.8	200	13.8	*	100	N
SW574-4000	4	101.6	2	4.688	119.1	3.03	1.37	18.0	457.2	200	13.8	*	100	N

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.



Anhydrous Ammonia Hose Nylon Reinforced

Series 7262

Series 7262 is a lightweight anhydrous ammonia transfer hose. The hose construction incorporates corrosion resistant high tensile nylon braids for flexibility and kink resistance. The perforated cover is resistant to abrasion, mild chemicals and ozone, and the distinctive dual green stripes provide color-coded identification.

- NOTES:**
- Refer to the [Safety and Technical](#) section of this catalog for safety, handling and use information. Refer to the [Chemical Guide](#) section of this catalog to determine compatibility with specific chemicals.
 - Contact Parker for additional chemical compatibility information, and for suitability for non-agricultural/industrial refrigeration applications.
 - Do not use with LPG or natural gas.
 - Series 7262 is a non-stock, seasonal product available only through Parker Certified Anhydrous Ammonia Hose Assembly Fabricators. Contact Parker for a referral.

Tube:	Black EPDM
Reinforcement:	Multiple textile braids
Cover:	Black EPDM; perforated wrapped finish
Temp. Range:	-40°F to +180°F (-40°C to +82°C)
Brand Method:	Side 1: Embossed Side 2: Two solid green stripes
Brand Example:	PARKER SERIES 7262 NYLON ANHYDROUS AMMONIA - (YEAR) - REMOVE NO LATER THAN (YEAR +6) - 350 PSI MAX WP ARPM (BATCH CODE) CAUTION ANHYDROUS AMMONIA USE ONLY - (YEAR) -REMOVE NO LATER THAN (YEAR +6)
Design Factor:	5:1
Industry Standards:	ARPM IP-14
Applications:	<ul style="list-style-type: none"> • Anhydrous ammonia • In-plant and tank transfer, transport and delivery; fertilizer dispensing • Agriculture
Vacuum:	Not recommended
Compare to:	Goodall N2000
Packaging:	Coils (bulk hose available only to Parker Certified Anhydrous Ammonia Hose Assembly Fabricators)

(Continued on the following page)

⚠️ WARNINGS!

- ▶ 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.](#)
- ▶ [Refer to the Safety and Technical](#) section of this catalog for the proper use of this hose.
- ▶ For Anhydrous Ammonia use ONLY. Do not use in Liquid Petroleum Gas (LPG)/Propane or Natural Gas applications. Use only with couplings qualified by Parker. Do not use with couplings containing hidden o-rings such as male swivel couplings. For non-agricultural or refrigeration applications, contact Parker.
- ▶ Contact with Anhydrous Ammonia (NH₃) will burn skin and is especially damaging to the eyes and lungs. This is true for its liquid and gaseous (vapor) state. Many accidents involving NH₃ have occurred by using the wrong hose. NH₃ hose must be specially compounded and constructed to handle the media. NEVER use a hose that is not designed for NH₃ because it may fail very quickly and cause bodily injury or death. It is especially important to ensure that only Anhydrous Ammonia hose is recommended and used for this service. [Refer to ARPM Publications IP-14 "Anhydrous Ammonia Hose, Specifications"](#) and [IP-11-2 "Anhydrous Ammonia Hose, Manual for Maintenance, Testing and Inspection."](#)

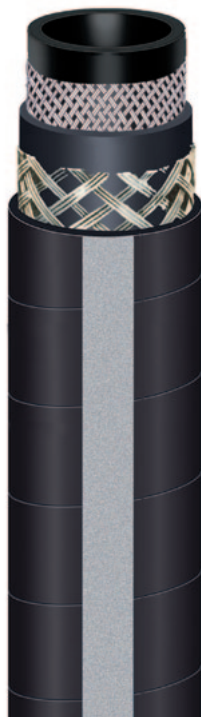
Series 7262 – Anhydrous Ammonia Hose, Nylon Reinforced (Continued)

Part Number	ID (in)	ID (mm)	Reinf Braids	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7262-502	1/2	12.7	2	0.950	24.1	0.25	0.11	5.0	127.0	350	24.1	7661	50	N
7262-752	3/4	19.1	2	1.250	31.8	0.38	0.17	8.0	203.2	350	24.1	HY	50	N
7262-1002	1	25.4	2	1.510	38.1	0.49	0.22	10.0	254.0	350	24.1	7661	50	N
7262-1252	1-1/4	31.8	2	1.781	45.2	0.61	0.28	12.0	304.8	350	24.1	HY	50	N
7262-1502K	1-1/2	38.1	2	2.030	51.6	0.73	0.33	14.0	355.6	350	24.1	43	50	N
7262-2003K	2	50.8	3	2.750	69.9	1.40	0.64	16.0	406.4	350	24.1	7661	50	N

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Hose Assemblies: Available only from Parker Certified Anhydrous Ammonia Hose Assembly Fabricators.



Anhydrous Ammonia Hose Stainless Steel Reinforced

Series 7261

Series 7261 is a premium anhydrous ammonia transfer hose. The hose construction incorporates corrosion resistant high tensile stainless steel and nylon braids for superior durability and service life. The perforated cover is resistant to abrasion, mild chemicals and ozone, and the distinctive silver stripe provides color-coded identification.

- NOTES:**
- Refer to the [Safety and Technical](#) section of this catalog for safety, handling and use information. Refer to the [Chemical Guide](#) section of this catalog to determine compatibility with specific chemicals.
 - Contact Parker for additional chemical compatibility information, and for suitability for non-agricultural/industrial refrigeration applications.
 - Do not use with LPG or natural gas.
 - Series 7261 is a non-stock, seasonal product available only through Parker Certified Anhydrous Ammonia Hose Assembly Fabricators. Contact Parker for a referral.

Tube:	Black EPDM
Reinforcement:	One or multiple stainless steel braids and one textile braid
Cover:	Black EPDM; perforated wrapped finish
Temp. Range:	-40°F to +180°F (-40°C to +82°C)
Brand Method:	Side 1: Embossed Side 2: Solid silver stripe
Brand Example:	PARKER SERIES 7261 SS ANHYDROUS AMMONIA - (YEAR) REMOVE NO LATER THAN (YEAR +7) - 350 PSI MAX WP ARPM (BATCH CODE) - CAUTION ANHYDROUS AMMONIA USE ONLY - (YEAR) REMOVE NO LATER THAN (YEAR +7)
Design Factor:	5:1
Industry Standards:	ARPM IP-14
Applications:	<ul style="list-style-type: none"> • Anhydrous ammonia • In-plant and tank transfer, transport and delivery; fertilizer dispensing • Agriculture
Vacuum:	Not recommended
Compare to:	Goodall N2595
Packaging:	Coils (bulk hose available only to Parker Certified Anhydrous Ammonia Hose Assembly Fabricators)

(Continued on the following page)

⚠️ WARNINGS!

- ▶ 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](#).
- ▶ Refer to the [Safety and Technical](#) section of this catalog for the proper use of this hose.
- ▶ For Anhydrous Ammonia use ONLY. Do not use in Liquid Petroleum Gas (LPG)/Propane or Natural Gas applications. Use only with couplings qualified by Parker. Do not use with couplings containing hidden o-rings such as male swivel couplings. For non-agricultural or refrigeration applications, contact Parker.
- ▶ Contact with Anhydrous Ammonia (NH₃) will burn skin and is especially damaging to the eyes and lungs. This is true for its liquid and gaseous (vapor) state. Many accidents involving NH₃ have occurred by using the wrong hose. NH₃ hose must be specially compounded and constructed to handle the media. NEVER use a hose that is not designed for NH₃ because it may fail very quickly and cause bodily injury or death. It is especially important to ensure that only Anhydrous Ammonia hose is recommended and used for this service. Refer to [ARPM Publications IP-14 "Anhydrous Ammonia Hose, Specifications"](#) and [IP-11-2 "Anhydrous Ammonia Hose, Manual for Maintenance, Testing and Inspection."](#)

Series 7261 – Anhydrous Ammonia Hose, Stainless Steel Reinforced (Continued)

Part Number	ID (in)	ID (mm)	Reinf Braids	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7261-1001	1	25.4	2	1.500	38.1	0.65	0.29	12.0	304.8	350	24.1	43, 7661	50	N
7261-1252	1-1/4	31.8	2	1.781	45.2	0.85	0.39	16.5	419.1	350	24.1	43	50	N
7261-1501K	1-1/2	38.1	2	2.030	51.6	1.02	0.46	20.0	508.0	350	24.1	43	50	N
7261-2002K	2	50.8	3	2.625	66.7	1.61	0.73	25.0	635.0	350	24.1	7661	50	N

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** “Y” indicates stocked item; “N” indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

Hose Assemblies: Available only from Parker Certified Anhydrous Ammonia Hose Assembly Fabricators.



THORO-SPRAY®

High Pressure Chemical Spray Hose

Series 7180

Series 7180 is a high pressure spray hose designed to handle liquid fertilizers, herbicides, many common chemicals and water. The hose construction incorporates braided textile reinforcement for kink resistance and superior coupling retention. The cover is resistant to mild chemicals and weathering, and is non-marking for commercial and residential use.

NOTE: Refer to the [Safety and Technical](#) section of this catalog for safety, handling and use information. Refer to the [Chemical Guide](#) section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.

Tube:	Black nitrile
Reinforcement:	Multiple textile braids
Cover:	Green nitrile/PVC; wrapped finish
Temp. Range:	-20°F to +180°F (-29°C to +82°C)
Brand Method:	Black ink
Brand Example:	PARKER SERIES 7180 THORO-SPRAY® HOSE XXX PSI MAX WP
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> Fertilizers, pesticides Agricultural, commercial and residential sprayers
Vacuum:	Not recommended
Packaging:	Reels

Part Number	ID (in)	ID (mm)	Reinf Braids	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7180-252	1/4	6.4	2	0.625	15.9	0.16	0.07	3.0	76.2	800	55.2	*	500	N
7180-382	3/8	9.5	2	0.750	19.1	0.21	0.10	4.0	101.6	800	55.2	HY	500	N
7180-502	1/2	12.7	2	0.938	23.8	0.31	0.14	5.0	127.0	800	55.2	HY	500	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠ WARNING! 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.



Paint Fluid Hose

Series 7108

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](#) section of this catalog for safety, handling and use information. Refer to the [Chemical Guide](#) section of this catalog to determine compatibility with specific chemicals. Contact Parker for additional chemical compatibility information.
 - Do not use in high pressure paint spray applications.

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 MADE IN USA (DATE CODE)
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Lacquers, light chemicals, paints, solvents, thinners • Connector, mixing, transfer service
Vacuum:	Not rated
Compare to:	Boston Nyall; Gates 77B; Veyance NR Spray
Packaging:	Reels

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7108-251	1/4	6.4	2	0.488	12.4	0.09	0.04	3.0	76.2	500	34.5	HY, 43	500	Y
7108-381	3/8	9.5	2	0.680	17.3	0.16	0.07	4.0	101.6	500	34.5	HY, 43	500	Y
7108-501	1/2	12.7	2	0.875	22.2	0.25	0.11	5.0	127.0	750	51.7	HY, 43	500	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠ WARNINGS!

- ▶ 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.