

PVC



## 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.
GPH	GPH™	Hose, multipurpose	Black, blue, gray, red, yellow	PVC	PVC	3/16 - 1	250-300	-15 / +150	249
100	NEXCLEAR®	Tubing, potable water	Clear, blue tint	PVC	n/a	1/16 - 2	30-60	+25 / +150	241
106	NEXCOL	Tubing, multipurpose	Black, blue, gray, green, white	PVC	n/a	1/8 - 1	25-65	+25 / +150	243
106 HSG	NEXCOL HSG	Tubing, aeration	Black	PVC	n/a	3/8 - 5/8	50	+25 / +150	244
115	NEXPRIME T	Tubing, fuel	Clear, amber tint	PVC	n/a	1/8 - 3/8	45-65	+25 / +150	245
125	NEXBRAID® SW	Hose, potable water, standard wall	Clear, reinforced	PVC	PVC	3/16 - 2	75-250	+25 / +150	257
126	NEXBRAID® HW	Hose, potable water, thick wall	Clear, reinforced	PVC	PVC	1/4 - 1-1/2	100-350	+25 / +150	257
128	NEXBRAID® PW	Hose, potable water by-pass	Blue	PVC	PVC	5/8 - 2	75-250	-13 / +150	263
160	NEXAQUA	Hose, water	Green opaque	PVC	PVC	1/2 - 5/8	125-150	+25 / +150	264
161	NEXAQUA	Hose, water	Green tint	PVC	PVC	3/4 - 1	100	+25 / +150	264
162	NEXAQUA RT	Hose, potable water	Clear, reinforced, red tracer	PVC	PVC	3/8 - 1-1/8	75-150	+25 / +150	260
164	NEXAQUA BT	Hose, potable water	Clear cover, reinforced, blue tracer	PVC	PVC	3/8 - 3/4	100-150	+25 / +150	260
167		Hose, fire extinguisher	Black	Blended PVC	Blended PVC	3/8 - 1/2	250	-65 / +150	256
202	NEXSPRAY U 600	Hose, high pressure spray	Yellow	Urethane/PVC	PVC	3/8 - 3/4	600	+25 / +150	254
203	NEXSPRAY U 800	Hose, high pressure spray	Green	Urethane/PVC	PVC	3/8 - 3/4	800	+25 / +150	254
268	NEXSPRAY	Hose, high pressure spray	Green or yellow	PVC	PVC	3/8 - 3/4	600	+25 / +150	253
439	NEXVA T	Tubing, chemicals	Black	EVA	n/a	7/8 - 1	75-100	-50 / +125	246
440	NEXVA T	Tubing, chemicals	Natural	EVA	n/a	3/8 - 1/2	70-125	-50 / +125	246
450	NEXVA	Hose, chemicals	Translucent	EVA	EVA	1/4 - 1	150-300	-50 / +125	255
475	NEXWRAP	Abrasion guard, harness	Spiral split	Polyethylene	n/a	3/8 - 1	n/a	-50 / +140	275
709	NEXSYN G55	Tubing, chemicals	Black, flexible	EPDM/TPV	n/a	3/16 - 1	25-40	-75 / +180	247

(Continued on the following page)

**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.

\* Working pressures are at 68°F (20°C) ambient temperature. Higher temperatures reduce the available working pressure. See the [PVC and Thermoplastic Temperature/Pressure chart on page 445](#).

See page 240 for Hose Selector Guide by industry standard. Refer to pages 9-10 for a complete listing of industry standards.

See pages ii through iv for an index of all product series by series number and pages v through xv for an index by application and by series name.

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



## Hose Selector Guide – by application (continued)

Series	Trademark	Hose Application / Construction / Selector Guide		Tube	Cover	Size Range (in)	Pressure Range* (psi)	Temp Range* (°F)	Page No.
714	NEXSYN F65	Tubing, potable water	Natural, flexible	EPDM/TPV	n/a	3/16 - 1	25-40	-75 / +180	248
715	NEXSYN H61	Hose, potable water	Gray, flexible	EPDM/TPV	EPDM/TPV	3/8 - 5/8	200	-75 / +180	262
7521	OMNI-FLEX™	Hose, multi-purpose	Oil resistant, black	PVC	PVC	1/4 - 1	200-300	-15 / +150	251
7522	OMNI-FLEX™	Hose, multi-purpose	Oil resistant, blue	PVC	PVC	1/4 - 1	200-300	-15 / +150	251
7523	OMNI-FLEX™	Hose, multi-purpose	Oil resistant, red	PVC	PVC	1/4 - 1	200-300	-15 / +150	251
7541	GULLY WASHER®	Hose, water discharge	Lay flat, blue	Nitrile/PVC	PVC	1-1/2 - 8	40-80	+14 / +140	271
7542	GULLY WASHER®	Hose, water discharge	Lay flat, red	Nitrile/PVC	PVC	1-1/2 - 8	100-150	+14 / +140	272
7545	GULLY WASHER®	Hose, water discharge	Lay flat, yellow	Nitrile/PVC	PVC	1-1/2 - 8	150-230	+14 / +140	273
7560	DYNAFLEX™	Hose, suction/discharge	Green	PVC	PVC	3/4 - 6	40-120	+23 / +140	266
7561	DYNAFLEX™	Hose, suction/discharge	Green, corrugated	PVC	PVC	1-1/2 - 4	56-99	+23 / +140	267
7563	DYNAFLEX™	Hose, suction/discharge	Clear, corrugated	PVC	PVC	1 - 6	30-55	+5 to +140	268
7564	DYNAFLEX™	Hose, suction/discharge	Clear, smooth	PVC	PVC	1/2 - 6	35-120	+23 / +140	269
7570	DYNAFLEX™	Hose, suction/discharge	Green tint, wire helix	PVC	PVC	3/8 - 6	28-115	+14 / +140	270
7575		Abrasion guard, harness	Longitudinal split	PVC	PVC	3	n/a		274
7581	THORO-BRAID®	Hose, potable water	Clear, reinforced	PVC	n/a	1/4 - 2	85-355	+14 / +140	259

**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.

\* Working pressures are at 68°F (20°C) ambient temperature. Higher temperatures reduce the available working pressure. See the [PVC and Thermoplastic Temperature/Pressure chart on page 445](#).

See the [following page](#) for Hose Selector Guide by industry standard. Refer to [pages 9-10](#) for a complete listing of industry standards.

See [pages ii through iv](#) for an index of all product series by series number and [pages v through xv](#) for an index by application and by series name.

## Hose Selector Guide – by industry standard

Industry Standards	EU**	FDA	MSHA	ANSI/ NSF 51**	ANSI/ NSF 61**	Non- conductive	RoHS	UL92	US Govt A-A-52047 Type VI	USP CLASS VI
Hose Series	100	100	7542	100	128	GPH	100	167	100	100
	125	125	7545	125	714		125			125
	126	126	7575	126	715		126			126
	162	128		162			162			162
	714	162		715			164			
	715	164					440			
		714					450			
		715					714			
		7563					715			
		7564								
		7570								
	7581									

**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.

\*\* Refer to specific product page for more information.

See [previous two pages](#) for Hose Selector Guide by application. Refer to [pages 9-10](#) for a complete listing of industry standards.

See [pages ii through iv](#) for an index of all product series by series number and [pages v through xv](#) for an index by application and by series name.



# NEXCLEAR®

## Clear PVC Tubing

### FDA, NSF 51, USP Class VI

#### Series 100



Series 100 is flexible PVC tubing for beverages and potable water, non-fatty and non-oily foods and sanitary products. The tubing features a smooth interior that is abrasion resistant and will not impart taste or odor, and allows full-flow. The clear PVC construction permits visual observation of materials being conveyed. Series 100 also provides excellent general industrial service for low pressure air, distilled water, drain, laboratory, light vacuum, wine and wire harness applications.

- Tube:** Clear PVC, 75A durometer
- Temp. Range:** +25°F to +150°F (-5°C to +65°C)  
Working pressures are at +68°F (+20°C).  
Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)
- Brand Method:** Black ink
- Brand Example:** NEXCLEAR® FOOD GRADE PVC TUBING BY PARKER NEXGEN® (P/N) (ID) X (OD) NSF-51 MAX TEMP 150°F (65C) CANADA (DATE CODE)
- Industry Standards:**
  - FDA ingredients\*\*\*, NSF 51 certified to 180°F (82°C)\*\*\*, USP Class VI Rated Materials\*\*\*
  - RoHS Compliant, US Government A-A-52047 Type VI Compliant
  - EU: Meets requirements and amendments of Resolution AP(89) for food contact
- Applications:**
  - Beverages, potable and pure water, wine
  - Air, drain, light vacuum, wire harness
  - General industrial, laboratories, wineries
- Vacuum:** Light
- Packaging:** Coils

Part Number	ID (in)	ID (mm)	Wall (in)	Wall (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Std Pack Qty (ft)	Stock Status ** (USA)
100-01020502	1/16	1.6	0.031	0.8	1/8	3.2	0.02	0.01	50	3.4	500	N
100-02040102	1/8	3.2	0.062	1.6	1/4	6.4	0.02	0.01	65	4.5	100	Y
100-03040102	3/16	4.8	0.032	0.8	1/4	6.4	0.02	0.01	50	3.4	100	N
100-03050102	3/16	4.8	0.062	1.6	5/16	7.9	0.02	0.01	55	3.8	100	Y
100-03060102	3/16	4.8	0.094	2.4	3/8	9.5	0.04	0.02	60	4.1	100	N
100-04060102	1/4	6.4	0.062	1.6	3/8	9.5	0.04	0.02	55	3.8	100	Y
100-04070102	1/4	6.4	0.094	2.4	7/16	11.1	0.04	0.02	58	4.0	100	N
100-04080102	1/4	6.4	0.125	3.2	1/2	12.7	0.09	0.04	60	4.1	100	Y
100-05070102	5/16	7.9	0.062	1.6	7/16	11.1	0.04	0.02	50	3.4	100	Y

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

\*\*\* All compound ingredients used in this tubing are listed in the US FDA CFR, Title 21. Tubing NSF 51 Listed. Compound USP Class VI rated.

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**⚠ WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



## Series 100 – NEXCLEAR® Clear PVC Tubing (Continued)

Part Number	ID (in)	ID (mm)	Wall (in)	Wall (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Std Pack Qty (ft)	Stock Status ** (USA)
100-05080102	5/16	7.9	0.094	2.4	1/2	12.7	0.07	0.03	55	3.8	100	Y
100-05090102	5/16	7.9	0.125	3.2	9/16	14.3	0.09	0.04	60	4.1	100	N
100-06080102	3/8	9.5	0.062	1.6	1/2	12.7	0.04	0.02	45	3.1	100	Y
100-06090102	3/8	9.5	0.094	2.4	9/16	14.3	0.07	0.03	50	3.4	100	N
100-06100102	3/8	9.5	0.125	3.2	5/8	15.9	0.11	0.05	55	3.8	100	Y
100-07090102	7/16	11.1	0.062	1.6	9/16	14.3	0.04	0.02	35	2.4	100	N
100-08100102	1/2	12.7	0.062	1.6	5/8	15.9	0.07	0.03	30	2.1	100	Y
100-08110102	1/2	12.7	0.094	2.4	11/16	17.5	0.09	0.04	40	2.8	100	N
100-08120102	1/2	12.7	0.125	3.2	3/4	19.1	0.13	0.06	45	3.1	100	Y
100-10120102	5/8	15.9	0.062	1.6	3/4	19.1	0.07	0.03	25	1.7	100	Y
100-10130102	5/8	15.9	0.094	2.4	13/16	20.6	0.11	0.05	35	2.4	100	N
100-10140102	5/8	15.9	0.125	3.2	7/8	22.2	0.15	0.07	40	2.8	100	N
100-12160100	3/4	19.1	0.125	3.2	1	25.4	0.18	0.08	35	2.4	100	Y
100-12180100	3/4	19.1	0.187	4.7	1-1/8	28.6	0.29	0.13	40	2.8	100	N
100-12200100	3/4	19.1	0.250	6.4	1-1/4	31.8	0.42	0.19	45	3.1	100	N
100-14180100	7/8	22.2	0.125	3.2	1-1/8	28.6	0.20	0.09	30	2.1	100	N
100-16200100	1	25.4	0.125	3.2	1-1/4	31.8	0.24	0.11	25	1.7	100	Y
100-16220100	1	25.4	0.187	4.7	1-3/8	34.9	0.37	0.17	30	2.1	100	N
100-16240100	1	25.4	0.250	6.4	1-1/2	38.1	0.53	0.24	35	2.4	100	N
100-20240100	1-1/4	31.8	0.125	3.2	1-1/2	38.1	0.29	0.13	20	1.4	100	N
100-20280100	1-1/4	31.8	0.250	6.4	1-3/4	44.5	0.62	0.28	40	2.8	100	N
100-24300100	1-1/2	38.1	0.187	4.7	1-7/8	47.6	0.53	0.24	30	2.1	100	N
100-24320100	1-1/2	38.1	0.250	6.4	2	50.8	0.73	0.33	35	2.4	100	Y
100-32400100	2	50.8	0.250	6.4	2-1/2	63.5	0.93	0.42	30	2.1	100	N

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

\*\*\* All compound ingredients used in this tubing are listed in the US FDA CFR, Title 21. Tubing NSF 51 Listed. Compound USP Class VI rated.

**⚠ WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# NEXCOL

## General Purpose PVC Tubing

### Series 106

Series 106 is general purpose, silicone-free PVC tubing available in multiple standard colors for color-coded identification for a variety of applications.

**NOTE:** Do not use with oil or refined fuel.

<b>Tube:</b>	Black, blue, gray, green, white PVC; 75A Durometer
<b>Temp. Range:</b>	+25°F to +150°F (-5°C to +65°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Not branded
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Air, drain, light vacuum, water, wire harness</li> <li>• General industrial</li> </ul>
<b>Vacuum:</b>	Light
<b>Packaging:</b>	Cartons; coils

Other cover colors available:

BLACK	
GRAY	
GREEN	
WHITE	

Part Number	Color	ID (in)	ID (mm)	Wall (in)	Wall (mm)	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Std Pack Qty (ft)	Stock Status ** (USA)
106-02041702	White	1/8	3.2	0.062	1.6	1/4	6.4	19.00	8.60	65	4.5	1000	N
106-02048702	Black	1/8	3.2	0.062	1.6	1/4	6.4	19.00	8.60	65	4.5	1000	N
106-03058102	Black	3/16	4.8	0.062	1.6	5/16	7.9	2.50	1.10	55	3.8	100	N
106-04068102	Black	1/4	6.4	0.062	1.6	3/8	9.5	3.20	1.50	55	3.8	100	N
106-06088102	Black	3/8	9.5	0.062	1.6	1/2	12.7	4.50	2.00	45	3.1	100	N
106-08108102	Black	1/2	12.7	0.062	1.6	5/8	15.9	5.80	2.60	30	2.1	100	N
106-08128102	Black	1/2	12.7	0.125	3.2	3/4	19.1	12.90	5.90	45	3.1	100	N
106-10145100	Green	5/8	15.9	0.125	3.2	7/8	22.2	15.50	7.00	40	2.8	100	N
106-12166100	Blue	3/4	19.1	0.125	3.2	1	25.4	18.10	8.20	35	2.4	100	N
106-14187100	Gray	7/8	22.2	0.125	3.2	1-1/8	28.6	20.70	9.40	30	2.1	100	N
106-16208100	Black	1	25.4	0.125	3.2	1-1/4	31.8	25.80	11.70	25	1.7	100	N

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

**⚠ WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# NEXCOL HSG

## Aeration PVC Tubing

### Series 106 HSG

Series 106 HSG PVC tubing incorporates a heavy, thick wall that allows the tube to sink in water when filled with air, staying in place without additional weight attachments. The air is introduced through the tube and circulates to keep the water fresh and free of unwanted build-up.

<b>Tube:</b>	Black PVC; 65A durometer
<b>Temp. Range:</b>	-30°F to +140°F (-34°C to +60°C). Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Not branded
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Ice clearing</li> <li>• Pond aeration</li> <li>• Waste water lagoon treatment</li> <li>• Water recirculation</li> </ul>
<b>Packaging:</b>	Coils

#### Series 106 NEXCOL HSG Aeration Tubing – Highly Flexible Premium Grade

Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Std Pack Qty (ft)	Stock Status ** (USA)
106-00068055	.575	14.6	1.155	29.3	25.00	11.30	60	3.4	50	N
106-00068100	.575	14.6	1.155	29.3	50.00	22.70	50	3.4	100	N
106-00118055	3/8	9.5	0.735	18.7	10.20	4.60	50	3.4	50	N
106-00118105	3/8	9.5	0.735	18.7	20.30	9.20	50	3.4	100	N
106-00148055	1/2	12.7	1.080	27.4	23.30	10.60	50	3.4	50	N
106-00148100	1/2	12.7	1.080	27.4	46.50	21.10	50	3.4	100	N

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

#### Series 106 NEXCOL HSG Aeration Tubing – Economy Grade

Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Std Pack Qty (ft)	Stock Status ** (USA)
106-00208055	3/8	9.5	0.685	17.4	10.2	4.60	50	3.4	50	N
106-00208105	3/8	9.5	0.685	17.4	20.3	9.20	50	3.4	100	N
106-00258100	1/2	12.7	1.101	28.0	48.00	21.80	50	3.4	100	N
106-00258501	5/8	15.9	1.135	28.8	280.5	127.20	50	3.4	500	N
106-00268100	1/2	12.7	1.101	28.0	24.00	10.90	50	3.4	50	N

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

**⚠ WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# NEXPRIME T Fuel Grade PVC Tubing

## Series 115

Series 115 is a silicone-free, fuel resistant PVC tubing for small engine fuel feed lines where the liquid is normally in continuous contact in the line.

**NOTE:** Do not use in “under the hood” automotive applications.

<b>Tube:</b>	Amber tint PVC; 70A durometer
<b>Temp. Range:</b>	+25°F to +150°F (-5°C to +65°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Not branded
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>Fuel feed lines</li> <li>General industrial, lawn and garden</li> </ul>
<b>Packaging:</b>	Cartons

Part Number	ID (in)	ID (mm)	Wall (in)	Wall (mm)	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Std Pack Qty (ft)	Stock Status ** (USA)
115-02040102	1/8	3.2	0.062	1.6	1/4	6.4	1.90	0.90	65	4.5	100	N
115-03050102	3/16	4.8	0.062	1.6	5/16	8.0	2.50	1.10	55	3.8	100	N
115-04060102	1/4	6.4	0.062	1.6	3/8	9.5	3.20	1.50	55	3.8	100	N
115-06080102	3/8	9.5	0.062	1.6	1/2	12.7	4.50	2.00	45	3.1	100	N

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

**⚠ WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# NEXVA T EVA Tubing RoHS (Series 440 Only)

## Series 439 (Black) and Series 440 (Natural)

Series 439/440 Ethyl Vinyl Acetate (EVA) tubing is designed as a lightweight, medium pressure tubing for abrasive materials, herbicides, mild chemicals, pesticides and water. The tubing construction is resistant to abrasion, ultraviolet light and weathering, and is available in black or natural colors.

<b>Tube:</b>	<b>Series 439:</b> Black EVA <b>Series 440:</b> Natural EVA
<b>Reinforcement:</b>	None
<b>Cover:</b>	None
<b>Temp. Range:</b>	-50°F to +125°F (-45°C to +52°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	<b>Series 439:</b> White ink <b>Series 440:</b> Black ink
<b>Brand Example:</b>	<b>Series 439:</b> NEXVA "T" BY PARKER NEXGEN® (P/N) (ID X OD) MAX WP XX PSI AT 68°F (20°C) CANADA (DATE CODE) <b>Series 440:</b> NEXVA "T" EVA TUBING BY PARKER NEXGEN® (ID X OD) MAX WP XX PSI AT 68°F (20°C) CANADA (DATE CODE)
<b>Design Factor:</b>	3:1
<b>Industry Standards:</b>	RoHS (Series 440 only)
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Abrasive materials, anhydrous ammonia, herbicides, mild chemicals, pesticides, water</li> <li>• Ammonia applicators, seed insertion, sight gauges</li> <li>• Agriculture, general industrial, lawn and garden</li> </ul>
<b>Vacuum:</b>	Light
<b>Packaging:</b>	Coils

### Series 439 (Black)

Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Std Pack Qty (ft)	Stock Status ** (USA)
439-14188200	7/8	22.2	1.125	28.6	0.16	0.07	100	7.0	200	N
439-16008100	1	25.4	1.250	31.6	0.18	0.08	75	5.2	100	N

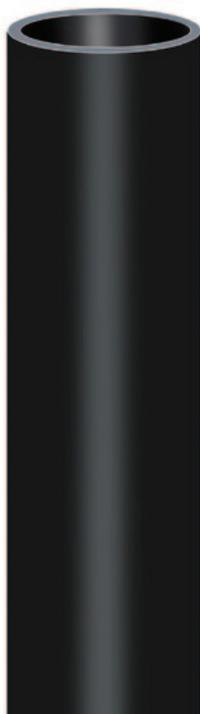
\*\* **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

### Series 440 (Natural)

Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Std Pack Qty (ft)	Stock Status ** (USA)
440-06080300	3/8	9.5	0.500	12.7	0.03	0.02	75	5.2	300	N
440-06100300	3/8	9.5	0.625	15.9	0.08	0.04	125	8.6	300	N
440-06100501	3/8	9.5	0.625	15.9	0.08	0.04	125	8.6	500	N
440-08100300	1/2	12.7	0.625	15.9	0.04	0.02	70	4.8	300	N
440-08120300	1/2	12.7	0.750	19.1	0.10	0.05	125	8.6	300	N

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

**⚠ WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# NEXSYN

## G55 General Purpose EPDM / TPV Tubing

### Series 709

Series 709 tubing is extruded to close tolerances using specially designed thermoplastic vulcanizate (TPV) materials that perform like EPDM rubber. The mechanical and recovery properties are comparable to most vulcanized elastomers and superior to most thermoplastic elastomers. Series 709 is 25–35% lighter than PVC and rubber tubing of the same dimensions. This highly durable tubing is resistant to flex fatigue, ozone and ultraviolet light, and has excellent resistance to a wide range of mild acids, alkalis and chemicals.

<b>Tube:</b>	Black EPDM / TPV; 65A durometer
<b>Temp. Range:</b>	-75°F to +180°F (-60°C to +82°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Not branded
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Mild acids, alkalis, chemicals; water</li> <li>• Drain lines, handle grips, light vacuum, peristaltic pumps</li> </ul>
<b>Vacuum:</b>	Light
<b>Packaging:</b>	Cartons; coils

Part Number	ID (in)	ID (mm)	Wall (in)	Wall (mm)	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Std Pack Qty (ft)	Stock Status ** (USA)
709-03068102	3/16	4.8	0.094	0.2	3/8	9.5	3.50	1.60	40	2.8	100	N
709-04078102	1/4	6.4	0.094	0.2	7/16	11.1	4.30	2.00	40	2.8	100	N
709-06098102	3/8	9.5	0.094	0.2	9/16	14.3	5.60	2.50	35	2.4	100	N
709-08128102	1/2	12.7	0.125	0.3	3/4	19.1	10.40	4.70	35	2.4	100	N
709-10148102	5/8	15.9	0.125	0.3	7/8	22.2	12.50	5.70	30	2.1	100	N
709-12168100	3/4	19.1	0.125	0.3	1	25.4	14.80	6.60	30	2.1	100	N
709-14188100	7/8	22.2	0.125	0.3	1-1/8	28.6	17.00	7.70	30	2.1	100	N
709-16208100	1	25.4	0.125	0.3	1-1/4	31.8	18.70	8.50	25	1.7	100	N

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

**⚠ WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# NEXSYN

## F65 EPDM /TPV Tubing

### FDA, ANSI/NSF 61 Compliant Tube Compound

#### Series 714

Series 714 tubing is extruded to close tolerances using specially designed thermoplastic vulcanizate (TPV) materials that perform like EPDM rubber. The mechanical and recovery properties are comparable to most vulcanized elastomers and superior to most thermoplastic elastomers. Series 714 is 25–35% lighter than PVC and rubber tubing of the same dimensions. This highly durable tubing is resistant to flex fatigue, ozone and ultraviolet light, and has excellent resistance to a wide range of mild acids, alkalis and chemicals.

<b>Tube:</b>	Natural EPDM/TPV; 64A durometer
<b>Temp. Range:</b>	-75°F to +180°F (-60°C to +82°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Not branded
<b>Industry Standards:</b>	<ul style="list-style-type: none"> <li>Complies to provisions of US FDA 21 CFR 177.1210 and 177.2600***</li> <li>Compound used is ANSI/NSF 61 certified to maximum temperature +212°F (+100°C)***</li> <li>Compound compliant to EU Directive 2003/11/EC</li> <li>RoHS Compliant—EU Directive 2002/95/EC</li> </ul>
<b>Applications:</b>	<ul style="list-style-type: none"> <li>Beverages, food, potable water; mild acids, alkalis and chemicals</li> <li>Drain lines, handle grips, light vacuum, peristaltic pumps</li> </ul>
<b>Vacuum:</b>	Light
<b>Packaging:</b>	Cartons; coils

Part Number	ID (in)	ID (mm)	Wall (in)	Wall (mm)	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Std Pack Qty (ft)	Stock Status ** (USA)
714-03060102	3/16	4.8	0.094	0.2	3/8	9.5	3.50	1.60	40	2.8	100	N
714-04070102	1/4	6.4	0.094	0.2	7/16	11.1	4.30	2.00	40	2.8	100	N
714-06090102	3/8	9.5	0.094	0.2	9/16	14.3	5.60	2.50	35	2.4	100	N
714-08120102	1/2	12.7	0.125	0.3	3/4	19.1	10.40	4.70	35	2.4	100	N
714-10140102	5/8	15.9	0.125	0.3	7/8	22.2	12.50	5.70	30	2.1	100	N
714-12160100	3/4	19.1	0.125	0.3	1	25.4	14.80	6.60	30	2.1	100	N
714-16200100	1	25.4	0.125	0.3	1-1/4	31.8	18.70	8.50	25	1.7	100	N

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

\*\*\* The TPV compound used in this tubing is ANSI/NSF 61 listed. All ingredients in the TPV compound are listed in the U.S. FDA CFR, Title 21.

**△ WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# PVC General Purpose Hose

## Series GPH™

Series GPH is a versatile, flexible and lightweight hose designed to handle air, mild chemicals and water. The hose construction incorporates a tube that is compatible with light oil mists found in air tool lubricating systems. The multiple plies of textile reinforcement provide strength and flexibility, and the flame resistant cover is also resistant to abrasion, mild chemicals, ultraviolet light and weathering. Series GPH is available in multiple standard colors for color-coded identification. The hose construction is electrically nonconductive with a minimum resistance of one megaohm per inch at 1000 volts DC.

**NOTE:** The user must determine if the hose is suitable for applications subject to electrical hazard. Contact Parker for additional information.

**Tube:** Black PVC  
**Reinforcement:** Multiple textile plies  
**Cover:** Black, blue, gray, red or yellow PVC; perforated smooth finish  
**Temp. Range:** -15°F to +150°F (-25°C to +65°C).

Working pressures are at +68°F (+20°C) ambient temperature. Higher temperatures reduce the available working pressure. See PVC and Thermoplastic Temperature/Pressure chart on page 445.

**Brand Method:** White ink on black, blue and red hose  
 Black ink on gray and yellow hose  
**Brand Example:** PARKER GPH – (dash ID) – (fraction ID) – XXX PSI – GENERAL PURPOSE – MADE IN USA

**Design Factor:** 4:1

**Industry Standards:** Electrically nonconductive with a minimum resistance of one megaohm per inch at 1000 volts DC

**Applications:**

- Air (including oil mist), mild chemicals, water
- Agriculture, construction, general industrial

**Vacuum:** See table on the following page

**Compare to:** Boston Polyforce II; Veyance Pliovic 300

**Packaging:** Coils

### Other cover colors available:

GPH-BLU 

GPH-GRA 

GPH-YEL 

(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](#).

⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the [PVC and Thermoplastic Temperature/Pressure chart on page 445](#).

## Series GPH™ – PVC General Purpose 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 @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Vacuum Hg (in)	Std Pack Qty (ft)	Stock Status **
GPH-3GRA500RL	3/16	4.8	2	0.400	10.2	0.06	0.03	0.6	15.2	300	20.7	*	25	500	N
GPH-4BLK500RL	1/4	6.4	2	0.510	13.0	0.08	0.04	0.8	20.3	300	20.7	HY	23	500	Y
GPH-4BLU500RL	1/4	6.4	2	0.510	13.0	0.08	0.04	0.8	20.3	300	20.7	HY	23	500	Y
GPH-4GRA500RL	1/4	6.4	2	0.510	13.0	0.08	0.04	0.8	20.3	300	20.7	HY	23	500	Y
GPH-4RED500RL	1/4	6.4	2	0.510	13.0	0.08	0.04	0.8	20.3	300	20.7	HY	23	500	N
GPH-4YEL500RL	1/4	6.4	2	0.510	13.0	0.08	0.04	0.8	20.3	300	20.7	HY	23	500	N
GPH-5GRA500	5/16	7.9	2	0.550	14.0	0.09	0.04	0.8	20.3	300	20.7	*	23	500	N
GPH-6BLK500RL	3/8	9.5	2	0.640	16.3	0.12	0.05	1.0	25.4	300	20.7	HY	23	500	Y
GPH-6BLU500RL	3/8	9.5	2	0.640	16.3	0.12	0.05	1.0	25.4	300	20.7	HY	23	500	Y
GPH-6GRA500RL	3/8	9.5	2	0.640	16.3	0.12	0.05	1.0	25.4	300	20.7	HY	23	500	Y
GPH-6RED500RL	3/8	9.5	2	0.640	16.3	0.12	0.05	1.0	25.4	300	20.7	HY	23	500	Y
GPH-6YEL500RL	3/8	9.5	2	0.640	16.3	0.12	0.05	1.0	25.4	300	20.7	HY	23	500	N
GPH-8BLK500RL	1/2	12.7	2	0.800	20.3	0.17	0.08	1.5	38.1	300	20.7	HY	17	500	N
GPH-8BLU500RL	1/2	12.7	2	0.800	20.3	0.17	0.08	1.5	38.1	300	20.7	HY	17	500	Y
GPH-8GRA500RL	1/2	12.7	2	0.800	20.3	0.17	0.08	1.5	38.1	300	20.7	HY	17	500	Y
GPH-8RED500RL	1/2	12.7	2	0.800	20.3	0.17	0.08	1.5	38.1	300	20.7	HY	17	500	N
GPH-8YEL500RL	1/2	12.7	2	0.800	20.3	0.17	0.08	1.5	38.1	300	20.7	HY	17	500	N
GPH-10BLK250	5/8	15.9	2	0.910	23.1	0.22	0.10	2.5	63.5	300	20.7	HY	10	250	N
GPH-10GRA250	5/8	15.9	2	0.910	23.1	0.22	0.10	2.5	63.5	300	20.7	HY	10	250	N
GPH-10RED250	5/8	15.9	2	0.910	23.1	0.22	0.10	2.8	71.1	300	20.7	HY	10	250	N
GPH-12BLK100	3/4	19.1	2	1.070	27.2	0.25	0.11	2.8	71.1	300	20.7	HY	10	100	N
GPH-12BLU100	3/4	19.1	2	1.070	27.2	0.25	0.11	2.8	71.1	300	20.7	HY	10	100	N
GPH-12GRA100	3/4	19.1	2	1.070	27.2	0.25	0.11	2.8	71.1	300	20.7	HY	10	100	N
GPH-12RED100	3/4	19.1	2	1.070	27.2	0.25	0.11	2.8	71.1	300	20.7	HY	10	100	N
GPH-16BLK100	1	25.4	2	1.330	33.8	0.36	0.16	4.0	101.6	250	17.2	HY	5	100	N
GPH-16RED100	1	25.4	2	1.330	33.8	0.36	0.16	4.0	101.6	250	17.2	HY	5	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

### ⚠️ 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](#).

⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the [PVC and Thermoplastic Temperature/Pressure chart on page 445](#).



# OMNI-FLEX™ PVC Multipurpose Hose

Series 7521 (Black) / Series 7522 (Blue) /  
Series 7523 (Red)

Series 7521/7522/7523 is a versatile, flexible and lightweight hose designed to handle air, mild chemicals, oil and water. The hose construction incorporates a Class B oil resistant tube and cover, multiple plies of textile reinforcement that provide strength and flexibility, and a cover that is resistant to abrasion, oil, ultraviolet light and weathering.

<b>Tube:</b>	Black prime PVC
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	<b>7521:</b> Black prime PVC; smooth finish <b>7522:</b> Blue prime PVC; smooth finish <b>7523:</b> Red prime PVC; smooth finish
<b>Temp. Range:</b>	-15°F to +150°F (-26°C to +65°C). Working pressures are at +68°F (+20°C) ambient temperature. Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	<b>Side 1:</b> White ink <b>Side 2:</b> Impression
<b>Brand Example:</b>	<b>Side 1:</b> PARKER OMNI-FLEX™ XXX PSI MAX WP (ID) MADE IN USA <b>Side 2:</b> DATE / LOT CODE
<b>Design Factor:</b>	4:1 (1/4" - 3/8"); 3:1 (1/2" - 3/4"); 4.5:1 (1")
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Air, mild chemicals, oil, water</li> <li>• Agriculture, construction, general industrial</li> </ul>
<b>Vacuum:</b>	See below
<b>Compare to:</b>	Gates 7746; Jason 4115; Kentak A73; Kuriyama K113; Veyance Pliovic Plus 300
<b>Packaging:</b>	Reels

Other cover colors available:

7522	
7523	

## Series 7521 (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 @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Vacuum Hg (in)	Std Pack Qty (ft)	Stock Status **
7521-250	1/4	6.7	2	0.500	12.7	0.09	0.04	0.8	20.3	300	20.7	HY	23	500	Y
7521-380	3/8	9.8	2	0.595	15.1	0.10	0.05	1.0	25.4	300	20.7	HY	23	500	Y
7521-500	1/2	12.7	2	0.750	19.1	0.16	0.07	1.5	38.1	300	20.7	HY	17	500	Y
7521-625	5/8	16.1	2	0.890	22.6	0.19	0.09	2.5	63.5	300	20.7	HY	10	500	N
7521-750	3/4	19.6	2	1.090	27.7	0.29	0.13	2.8	71.1	300	20.7	HY	10	350	N
7521-1000	1	26.2	2	1.400	35.6	0.44	0.20	4.0	101.6	200	13.8	*	5	250	Y

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

(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.](#)
- ⚠ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)

# Series 7521 (Black) / Series 7522 (Blue) / Series 7523 (Red) Omni-Flex™ PVC Multipurpose Hose (Continued)

## Series 7522 (Blue)

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 @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Vacuum Hg (in)	Std Pack Qty (ft)	Stock Status **
7522-250	1/4	6.7	2	0.500	12.7	0.09	0.04	0.8	20.3	300	20.7	HY	23	500	Y
7522-380	3/8	9.8	2	0.595	15.1	0.10	0.05	1.0	25.4	300	20.7	HY	23	500	Y
7522-500	1/2	12.7	2	0.750	19.1	0.16	0.07	1.5	38.1	300	20.7	HY	17	500	Y
7522-625	5/8	16.1	2	0.890	22.6	0.19	0.09	2.5	63.5	300	20.7	HY	10	500	N
7522-750	3/4	19.6	2	1.090	27.7	0.29	0.13	2.8	71.1	300	20.7	HY	10	350	Y
7522-1000	1	26.2	2	1.400	35.6	0.44	0.20	4.0	101.6	200	13.8	*	5	250	Y

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

## Series 7523 (Red)

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 @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Vacuum Hg (in)	Std Pack Qty (ft)	Stock Status **
7523-250	1/4	6.7	2	0.500	12.7	0.09	0.04	0.8	20.3	300	20.7	HY	23	500	Y
7523-380	3/8	9.8	2	0.595	15.1	0.10	0.05	1.0	25.4	300	20.7	HY	23	500	Y
7523-500	1/2	12.7	2	0.750	19.1	0.16	0.07	1.5	38.1	300	20.7	HY	17	500	Y
7523-625	5/8	16.1	2	0.890	22.6	0.19	0.09	2.5	63.5	300	20.7	HY	10	500	Y
7523-750	3/4	19.6	2	1.090	27.7	0.29	0.13	2.8	71.1	300	20.7	HY	10	350	Y
7523-1000	1	26.2	2	1.400	35.6	0.44	0.20	4.0	101.6	200	13.8	*	5	250	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

### ⚠️ 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.](#)
- ⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# NEXSPRAY PVC Spray Hose

## Series 268

Series 268 is a high pressure spray hose designed to handle chemicals, herbicides and pesticides. The longitudinally ribbed cover reduces drag and is resistant to abrasion, ultraviolet light and weathering.

**NOTE:** Do not use with hydrocarbon based spray solutions. Refer to Series 202 (U600).

<b>Tube:</b>	Green or yellow PVC
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Green or yellow PVC; longitudinally ribbed finish
<b>Temp. Range:</b>	+25°F to +150°F (-5°C to +65°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Black ink
<b>Brand Example:</b>	NEXSPRAY 600 BY PARKER NEXGEN® (P/N) (ID) X (OD) MAX WP 600 PSI AT 68°F (20°C) CANADA (DATE CODE)
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>Chemicals, herbicides, pesticides, water</li> <li>Agriculture, commercial lawn and garden</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Packaging:</b>	Coils

Part Number	Color	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	△Max Rec WP @ 68°F (psi)	△Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status ** (USA)
268-06002300	Yellow	3/8	9.53	2	.635	16.1	35.00	15.88	600	41.4	*	300	N
268-06002400	Yellow	3/8	9.53	2	.635	16.1	46.00	20.87	600	41.4	*	400	N
268-06005300	Yellow	3/8	9.53	2	.635	16.1	35.00	15.88	600	41.4	*	300	N
268-08002300	Green	1/2	12.70	2	.790	20.1	50.00	22.68	600	41.4	*	300	N
268-08002400	Yellow	1/2	12.70	2	.790	20.1	67.00	30.39	600	41.4	*	400	N
268-08005300	Green	1/2	12.70	2	.790	20.1	50.00	22.68	600	41.4	*	300	N
268-08005400	Green	1/2	12.70	2	.790	20.1	67.00	30.39	600	41.4	*	400	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

### ⚠️ 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.](#)

⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# NEXSPRAY U

## Urethane / PVC Spray Hose

Series 202 (600 PSI) / Series 203 (800 PSI)

Series 202/203 is a high pressure spray hose designed to handle diluted hydrocarbon-based chemicals, herbicides and pesticides. The longitudinally ribbed cover reduces drag and is resistant to abrasion, ultraviolet light and weathering.

**Tube:** Black urethane / PVC  
**Reinforcement:** Multiple textile plies  
**Cover:** Green or yellow PVC; longitudinally ribbed finish  
**Temp. Range:** +25°F to +150°F (-5°C to +65°C)  
 Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)

**Brand Method:** Black ink  
**Brand Example:** **Series 202:** NEXSPRAY U600 BY PARKER NEXGEN (P/N) (ID) X (OD) MAX WP 600 PSI AT 68°F (20°C) CANADA (DATE CODE)  
**Series 203:** NEXSPRAY U800 BY PARKER NEXGEN (P/N) (ID) X (OD) MAX WP 800 PSI AT 68°F (20°C) CANADA (DATE CODE)

**Industry Standards:** None applicable  
**Applications:**

- Chemicals, herbicides, pesticides, water
- Agriculture, commercial lawn and garden

**Vacuum:** Not recommended  
**Packaging:** Coils

### ⚠ 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.](#)
- ⚠ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)

### Series 202 — NEXSPRAY U600, 600 PSI, Yellow Ribbed Cover

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status ** (USA)
202-06002300	3/8	9.5	4	.655	16.6	38.00	17.24	600	41.4	*	300	N
202-06002400	3/8	9.5	4	.655	16.6	51.00	23.13	600	41.4	*	400	N
202-08002300	1/2	12.7	4	.840	21.3	60.00	27.22	600	41.4	*	300	N
202-08002400	1/2	12.7	4	.840	21.3	80.00	36.29	600	41.4	*	400	N
202-12002300	3/4	19.1	4	1.140	29.0	99.00	44.91	600	41.4	*	300	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

### Series 203 — NEXSPRAY U800, 800 PSI, Green Ribbed Cover

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status ** (USA)
203-06005300	3/8	9.5	4	.655	16.6	39.00	17.69	800	55.2	*	300	N
203-08005300	1/2	12.7	4	.840	21.3	60.00	27.22	800	55.2	*	300	N
203-10005300	5/8	15.9	4	.990	25.1	81.00	37.00	800	55.2	*	300	N
203-12005300	3/4	19.1	4	1.140	29.0	101.00	45.81	800	55.2	*	300	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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





# NEXVA EVA Hose RoHS

## Series 450

Series 450 is a medium pressure hose designed to handle chemicals such as anhydrous ammonia, herbicides, pesticides and water. The semi-translucent construction permits visual observation of materials being conveyed, and the durable construction is resistant to abrasion, ultraviolet light and weathering.

**NOTE:** Do not use for anhydrous ammonia delivery/transfer.

<b>Tube:</b>	Semi-translucent natural ethyl vinyl acetate (EVA)
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Semi-translucent natural ethyl vinyl acetate (EVA)
<b>Temp. Range:</b>	-50°F to +125°F (-45°C to +52°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Black ink
<b>Brand Example:</b>	NEXVA 12 BY PARKER NEXGEN (P/N) (ID) X (OD) MAX WP XXX PSI AT 68°F (20°C) CANADA (DATE CODE)
<b>Industry Standards:</b>	RoHS
<b>Applications:</b>	<ul style="list-style-type: none"> <li>Mild chemicals; anhydrous ammonia, herbicides, pesticides, water</li> <li>Anhydrous ammonia applicator, light vacuum line, seed insertion, sight gauge</li> <li>Agriculture, commercial lawn and garden</li> </ul>
<b>Vacuum:</b>	Light
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	△Max Rec WP @ 68°F (psi)	△Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status ** (USA)
450-04000500	1/4	6.4	2	.390	9.9	15.00	6.80	300	20.7	*	500	N
450-06000300	3/8	9.5	2	.595	15.1	21.00	9.53	250	17.2	*	300	N
450-08000300	1/2	12.7	2	.720	18.3	27.00	12.25	250	17.2	*	300	N
450-10000300	5/8	15.9	2	.845	21.5	32.00	14.51	200	13.8	*	300	N
450-12000300	3/4	19.1	2	.970	24.6	39.00	17.69	150	10.3	*	300	N
450-16000200	1	25.4	2	1.310	33.3	49.00	22.23	150	10.3	*	200	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

### ⚠️ 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.](#)
- ⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# Fire Extinguisher and Booster Hose UL92

## Series 167

Series 167 is a very flexible and kink resistant fire extinguisher hose. The hose is manufactured to close tolerances, eliminating the need for multiple coupling components and reducing labor costs in high volume assembly operations. The hose construction is resistant to abrasion, ozone, ultraviolet light and weathering.

**NOTE:** Dimensions can be adjusted to accommodate customer couplings. Contact Parker.

<b>Tube:</b>	Black blended PVC; 72A duromer
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Black blended PVC; UV resistant 72A duromer smooth finish
<b>Temp. Range:</b>	-65°F to +150°F (-54°C to +65°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	White ink
<b>Brand Example:</b>	PARKER HANNIFIN CANADA (P/N) UL INC. ® LISTED FIRE EXT. & BOOSTER HOSE EX5282 ISSUE 2052 MAX WP 250 PSI -54°C (-65°F) (DATE CODE)
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	UL92
<b>Applications:</b>	Portable fire extinguishers
<b>Vacuum:</b>	Not recommended
<b>Packaging:</b>	Per customer specifications

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Stock Status ** (USA)
167-06008	3/8	9.5	2	.670	17.0	13.4	6.1	250	17.2	N
167-08008	1/2	12.7	2	.820	20.8	18.2	8.3	250	17.2	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

### ⚠️ 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.](#)
- ⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# NEXBRAID® Clear PVC Hose

**FDA, NSF 51, USP Class VI**

Series 125 (Standard Wall) /  
Series 126 (Heavy Duty)

Series 125 (standard wall) and Series 126 (thick wall) are flexible PVC transfer hoses for dry abrasive materials such as grains, granules, pellets and powders; beverages and potable water; non-fatty and non-oily foods; and sanitary products. The hoses feature a smooth tube that is abrasion resistant and will not impart taste or odor, and allows full-flow, while the clear PVC construction permits visual observation of materials being conveyed. Series 125 and Series 126 also provide excellent general industrial service in air breathing supply pneumatics, flexible conduit, harness and light vacuum applications.

<b>Tube:</b>	Clear PVC
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Blue tint PVC; smooth finish
<b>Temp. Range:</b>	+25°F to +150°F (-5°C to +65°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Black ink
<b>Brand Example:</b>	<b>Series 125:</b> NEXBRAID® SW FOOD GRADE PVC BY PARKER NEXGEN® (P/N) (ID) MAX WP XXX PSI AT 68°F (20°C) NSF-51 MAX TEMP 150°F (65°C) CANADA (DATE CODE) <b>Series 126:</b> NEXBRAID® HD FOOD GRADE PVC BY PARKER NEXGEN® (P/N) (ID) MAX WP XXX PSI AT 68°F (20°C) NSF-51 MAX TEMP 150°F (65°C) CANADA (DATE CODE)
<b>Industry Standards:</b>	<ul style="list-style-type: none"> <li>• FDA ingredients***, NSF 51 certified to 180°F (82°C)***, USP Class VI Rated***</li> <li>• EU: Meets requirements and amendments of Resolution AP(89) for food contact</li> <li>• RoHS Compliant</li> </ul>
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Beverages, potable water, pure water</li> <li>• Dry abrasive materials, flour, grains, granules, pellets, powders, sugar</li> <li>• Air, flexible conduit, light vacuum, wire harness</li> </ul>
<b>Vacuum:</b>	Light
<b>Packaging:</b>	Coils

(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.](#)
- ⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)

## Series 125/126 – NEXBRAID® Clear PVC Hose (Continued)

## Series 125 (Standard Wall)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP (psi) @ 68°F	△ Max Rec WP (bar) @ 20°C	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status ** (USA)
125-03000300	3/16	4.8	2	.375	9.5	0.05	0.02	250	17.2	*	300	Y
125-04000300	1/4	6.4	2	.438	11.1	0.06	0.03	250	17.2	*	300	Y
125-05000300	5/16	7.9	2	.525	13.3	0.08	0.03	250	17.2	*	300	N
125-06000300	3/8	9.5	2	.594	15.1	0.09	0.04	225	15.5	*	300	Y
125-08000300	1/2	12.7	2	.750	19.1	0.14	0.06	200	13.8	*	300	Y
125-10000300	5/8	15.9	2	.875	22.2	0.17	0.08	200	13.8	*	300	Y
125-12000300	3/4	19.1	2	1.030	26.2	0.22	0.10	150	10.3	*	300	Y
125-16000200	1	25.4	2	1.300	33.0	0.31	0.14	125	8.6	*	200	Y
125-20000100	1-1/4	31.8	2	1.625	41.3	0.45	0.20	100	6.9	*	100	Y
125-24000100	1-1/2	38.1	2	1.937	49.2	0.64	0.29	100	6.9	*	100	Y
125-32000100	2	50.8	2	2.490	63.3	0.95	0.43	75	5.2	*	100	Y

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

\*\*\* All tube compound ingredients used in this hose are listed in the U.S. FDA CFR, Title 21. Hose NSF 51 listed. Compound USP Class VI rated.

## Series 126 (Heavy Duty)

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP (psi) @ 68°F	△ Max Rec WP (bar) @ 20°C	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status ** (USA)
126-04000300	1/4	6.4	2	.500	12.7	0.08	0.04	350	24.1	*	300	N
126-05000300	5/16	7.9	2	.562	14.3	0.09	0.04	275	19.0	*	300	N
126-06000300	3/8	9.5	2	.625	15.9	0.11	0.05	250	17.2	*	300	N
126-08000300	1/2	12.7	2	.810	20.6	0.18	0.08	250	17.2	*	300	N
126-12000200	3/4	19.1	2	1.120	28.5	0.30	0.14	200	13.8	*	200	N
126-16000200	1	25.4	2	1.370	34.8	0.39	0.18	150	10.3	*	200	N
126-20000100	1-1/4	31.8	2	1.750	44.5	0.66	0.30	125	8.6	*	100	N
126-24000100	1-1/2	38.1	2	2.000	50.8	0.77	0.35	100	6.9	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

\*\*\* All tube compound ingredients used in this hose are listed in the U.S. FDA CFR, Title 21. Hose NSF 51 listed. Compound USP Class VI rated.

**⚠ 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](#).
- ⚠ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the [PVC and Thermoplastic Temperature/Pressure chart on page 445](#).



# THORO-BRAID®

## Clear PVC Hose

### FDA

### Series 7581

Series 7581 is a flexible PVC transfer hose for dry abrasive materials such as grains, granules, pellets and powders; beverages and potable water; and non-fatty and non-oily foods and sanitary products. This hose features a smooth tube that is abrasion resistant and will not impart taste or odor, and allows full-flow. The clear PVC construction permits visual observation of materials being conveyed. Series 7581 also provides excellent general industrial service in air, flexible conduit and water applications. The red tracer yarn provides easily identifiable color-coding.

<b>Tube:</b>	Clear PVC
<b>Reinforcement:</b>	Multiple textile plies with longitudinal red tracer yarn
<b>Cover:</b>	Blue tint PVC; smooth finish
<b>Temp. Range:</b>	+14°F to +140°F (-10°C to +60°C) Working pressures are at 68°F (20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Not branded
<b>Industry Standards:</b>	FDA
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Beverages, potable and pure water</li> <li>• Dry abrasive materials, flour, grains, granules, pellets, powders, sugar</li> <li>• Air, flexible conduit, light vacuum, wire harness</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Gates 7744; Jason 4511; Kentak 50H, Pacific Echo 410; Petzetakis 10206; Superflex BTC; Vehance Pliovic 200
<b>Packaging:</b>	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 @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7581-251	1/4	6.4	2	0.490	12.4	0.07	0.03	3.0	76.2	355	24.5	*	300	Y
7581-381	3/8	9.5	2	0.600	15.2	0.10	0.05	4.0	101.6	315	21.7	*	300	Y
7581-501	1/2	12.7	2	0.750	19.1	0.12	0.05	5.0	127.0	215	14.8	*	300	Y
7581-631	5/8	15.9	2	0.870	22.1	0.17	0.08	6.0	152.4	185	12.8	*	300	Y
7581-751	3/4	19.1	2	1.030	26.2	0.21	0.10	7.0	177.8	170	11.7	*	300	Y
7581-1001	1	25.4	2	1.300	33.0	0.28	0.13	9.0	228.6	140	9.7	*	300	Y
7581-1251	1-1/4	31.8	2	1.610	40.9	0.42	0.19	12.0	304.8	115	7.9	*	100	Y
7581-1501	1-1/2	38.1	2	1.890	48.0	0.58	0.26	15.0	381.0	100	6.9	*	100	Y
7581-2001	2	50.8	2	2.400	61.0	0.75	0.34	18.0	457.2	85	5.9	*	100	Y

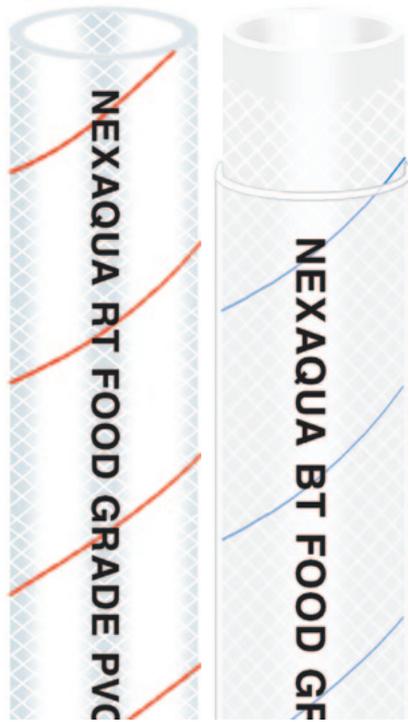
\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

#### ⚠️ 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.](#)

⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# NEXAQUA

## PVC Potable Water Hose

### FDA, RoHS

### (USP CLASS VI and NSF 51 – Series 162 only)

### Series 162 and Series 164



Series 162 and 164 are designed as lightweight, reinforced PVC hoses for potable water. Each features a spiral tracer yarn (Series 162 red/Series 164 blue) for color-coded identification. Series 164 incorporates a white tube to inhibit growth of algae. The all-PVC hose construction is resistant to abrasion, weathering and ultraviolet light.

<b>Tube:</b>	<b>Series 162:</b> Clear PVC <b>Series 164:</b> White PVC
<b>Reinforcement:</b>	<b>Series 162:</b> Multiple textile plies with red tracer <b>Series 164:</b> Multiple textile plies with blue tracer
<b>Cover:</b>	Clear PVC; smooth finish
<b>Temp. Range:</b>	+25°F to +150°F (-5°C to +65°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Black ink
<b>Brand Example:</b>	<b>Series 162:</b> NEXAQUA RT FOOD GRADE PVC BY PARKER NEXGEN® (P/N) (ID) X (OD) NSF-51 MAX TEMP 150°F (65°C) CANADA DATE CODE <b>Series 164:</b> NEXAQUA BT FOOD GRADE BY PARKER NEXGEN® (P/N) (ID) X (OD) MAX WP 150 PSI AT 68°F (20°C) CANADA DATE CODE
<b>Industry Standards:</b>	<ul style="list-style-type: none"> <li>• Series 162 (only) NSF 51 listed to maximum temperature 180°F (82°C)***</li> <li>• Series 162 and 164 FDA ingredients***</li> <li>• Series 162 and 164 RoHS compliant</li> </ul>
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Potable water</li> <li>• Air, mild chemicals</li> </ul>
<b>Packaging:</b>	Coils

#### ⚠️ 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.](#)

⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)

## Series 162/164 – NEXAQUA PVC Potable Water Hose (Continued)

## Series 162 (Clear PVC with red tracer) and Series 164 (White PVC Tube with blue tracer)

Part Number 162*** or 164	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP (psi) @ 68°F	△ Max Rec WP (bar) @ 20°C	Perm Cplg Rec *	Std Pack Qty (ft)	162 Stock Status ** (USA)	164 Stock Status ** (USA)
-06000250	3/8	9.5	2	.565	14.4	19	9	150	10.3	*	250	N	N
-08000250	1/2	12.7	2	.705	17.9	26	12	150	10.3	*	250	N	N
-10000250	5/8	15.9	2	.835	21.2	32	15	125	8.6	*	250	N	N
-12000250	3/4	19.1	2	.980	24.9	42	19	100	6.9	*	250	N	n/a
-16000250	1	25.4	2	1.230	31.2	54	24	75	5.2	*	250	N	n/a
-18000100	1-1/8	28.6	2	1.375	34.9	27	12	75	5.2	*	100	N	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

\*\*\* All tube compound ingredients used are listed in the U.S. FDA CFR, Title 21. Series 162 hose NSF listed. Compound USP Class VI rated.

### ⚠ 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](#).

⚠ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the [PVC and Thermoplastic Temperature/Pressure chart on page 445](#).



# NEXSYN H61 EPDM/TPV Hose

## FDA, ANSI/NSF 51 and ANSI/NSF 61 Compliant Tube Compound, RoHS Compliant

### Series 715

Series 715 hose is extruded to close tolerances using specially designed thermoplastic vulcanizate (TPV) materials that perform like EPDM rubber. The mechanical and recovery properties are comparable to most vulcanized elastomers and superior to most thermoplastic elastomers. Series 715 is 25–35% lighter than PVC and rubber hose of the same dimensions, handles higher operating temperatures than PVC hose and maintains flexibility at cold temperatures. This highly durable hose is resistant to flex fatigue, ozone and ultraviolet light, and has excellent resistance to a wide range of mild acids, alkalis, chemicals and deionized water. The opaque cover inhibits algae growth.

<b>Tube:</b>	Natural EPDM/TPV
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Gray EPDM/TPV; smooth finish
<b>Temp. Range:</b>	-75°F to +180°F (-60°C to +82°C)
	Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Black ink
<b>Brand Example:</b>	NEXSYN H61 BY PARKER NEXGEN® (P/N) (ID) X (OD) ANSI/NSF-61 COMPLIANT TUBE MATERIAL MAX 200 PSI WP AT 20°C DATE CODE
<b>Industry Standards:</b>	<ul style="list-style-type: none"> <li>• Tube material NSF 51 and NSF 61 listed</li> <li>• All ingredients in the tube compound are listed in the US FDA CFR, Title 21</li> <li>• RoHS Compliant</li> <li>• EU Directive 2003/11/EC Compliant</li> </ul>
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Beverages, potable water; mild acids, alkalis and chemicals</li> <li>• Bottled water plants, marine drinking water lines, temporary municipal water connections; dishwasher supply lines</li> </ul>
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP (psi) @ 68°F	△ Max Rec WP (bar) @ 20°C	Std Pack Qty (ft)	Stock Status ** (USA)
715-06007300	3/8	9.5	2	0.625	15.9	0.09	0.04	200	13.8	300	N
715-08007300	1/2	12.7	2	0.750	19.1	0.11	0.05	200	13.8	300	N
715-10007300	5/8	15.9	2	0.875	22.2	0.13	0.06	200	13.8	300	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

#### ⚠️ 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.](#)

⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# NEXBRAID® PW

## PVC Potable Water By-Pass Hose

### FDA, ANSI/NSF 61 Compliant Tube Compound

#### Series 128

Series 128 is a versatile, flexible potable water transfer hose. The thick wall is kink resistant and 25% lighter than comparable rubber hose. The abrasion and ultraviolet light resistant blue opaque cover inhibits algae growth and is available with a sunlight barrier layer. Its smooth tube protects the integrity of water, does not impart taste or odor, and it is suitable for deionized water. Since Series 128 hose is much easier to couple, install and remove than polyethylene pipe, it is the preferred choice for temporary water supply and bypass lines where service has been curtailed due to construction.

<b>Tube:</b>	Clear/blue tint PVC
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Blue PVC; smooth finish
<b>Temp. Range:</b>	-13°F to +150°F (-25°C to +65°C) Working pressures are at +68°F (+20°C) ambient temperature. Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Black ink
<b>Brand Example:</b>	NEXBRAID® PW PURE WATER HOSE BY PARKER NEXGEN® (P/N) (ID) ANSI/NSF-61 COMPLIANT TUBE MATERIAL MAX WP 200 PSI AT 68°F (20°C) CANADA (DATE CODE)
<b>Industry Standards:</b>	<ul style="list-style-type: none"> <li>• Certification by NSF that the tube material conforms to the requirements of NSF Standard 61 for a maximum surface area to volume ratio of 200 square inches per liter</li> <li>• Tube compound is California Proposition 65 compliant</li> </ul>
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Potable water, pure water</li> <li>• Bottled water plants, water analysis collection</li> <li>• Municipal water supply temporary by-pass connections</li> </ul>
<b>Vacuum:</b>	Not rated
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status ** (USA)
128-10006200	5/8	15.9	2	0.931	23.6	0.21	0.10	250	17.2	*	200	N
128-12006200	3/4	19.1	2	1.125	28.6	0.59	0.27	250	17.2	*	200	N
128-12016200	3/4	19.1	2	1.030	26.2	0.22	0.10	150	10.3	*	300	N
128-16006200	1	25.4	2	1.375	34.9	0.77	0.35	200	13.8	*	200	N
128-20006100	1-1/4	31.8	2	1.630	41.4	0.49	0.22	150	10.3	*	100	N
128-24006100	1-1/2	38.1	2	1.960	49.8	0.71	0.32	100	7.0	*	100	N
128-32006100	2	50.8	2	2.490	63.3	0.97	0.44	75	5.2	*	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

#### ⚠ 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.](#)

⚠ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



## NEXAQUA PVC Water Hose

Series 160 (Opaque Green Cover) /  
Series 161 (Green Tint Cover)

Series 160/161 is silicone-free, commercial grade PVC water hose. The cover is resistant to abrasion, ultraviolet light and weathering.

<b>Tube:</b>	Black PVC
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Opaque green or green tint PVC
<b>Temp. Range:</b>	+25°F to +150°F (-5°C to +65°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	<b>Series 160:</b> Black ink <b>Series 161:</b> Not branded
<b>Brand Example:</b>	<b>Series 160:</b> NEXAQUA BY PARKER NEXGEN (P/N) (ID) X (OD) MAX WP XXX PSI AT 68°F (20°C) CANADA (DATE CODE)
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Mild chemicals, water</li> <li>• Golf courses, greenhouses, municipal parks</li> <li>• Commercial lawn and garden, contractors, general industrial</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Packaging:</b>	Coils

### ⚠️ 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.](#)
- ⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)

## Series 160/161 – NEXAQUA PVC Water Hose (Continued)

## Series 160 – NEXAQUA GRN, Opaque Green Cover

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status ** (USA)
160-08005300	1/2	12.7	2	.700	17.8	32.00	14.51	150	10.3	*	300	N
160-10005300	5/8	15.9	2	.825	21.0	39.00	17.69	125	8.6	*	300	N

Factory assemblies available. Contact Parker.

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

## Series 161 – NEXAQUA CLR, Green Tint Cover

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status ** (USA)
161-12005300	3/4	19.1	2	1.000	25.4	59.00	27.00	100	7.0	*	300	N
161-16005200	1	25.4	2	1.300	33.0	62.00	28.12	100	7.0	*	200	N

Factory assemblies available. Contact Parker.

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

### ⚠️ 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](#).

⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the [PVC and Thermoplastic Temperature/Pressure chart on page 445](#).



# DYNAFLEX™

## PVC Standard Duty Suction Hose

### Series 7560

Series 7560 is a standard duty suction and discharge hose for dry abrasive materials such as debris, granules, pellets and powders; mild chemicals; and water in a variety of transfer applications. The hose features a smooth tube that is abrasion resistant and allows full-flow. The lightweight construction incorporates a white PVC helix that provides suction capability and the cover is resistant to abrasion, mild chemicals, ultraviolet light and weathering.

**NOTE:** Do not use in applications where a static charge may develop unless externally grounded.

<b>Tube:</b>	Green PVC, smooth finish
<b>Reinforcement:</b>	White PVC helix
<b>Cover:</b>	Green PVC, smooth finish
<b>Temp. Range:</b>	+23°F to +140°F (-5°C to +60°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Not branded
<b>Design Factor:</b>	3:1
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Abrasive materials, debris, mild chemicals, sewage, slurries, water</li> <li>• Agriculture, construction, mining</li> </ul>
<b>Vacuum:</b>	See below
<b>Compare to:</b>	Gates 100 GR; Kanaflex 100 GR; Kuriyama G and J; Pacific Echo 110, 113; Petzetakis 12500; Superflex 1000 GR
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Vacuum Hg (in)	Std Pack Qty (ft)	Stock Status **
7560-750	3/4	19.1	1.000	25.4	0.20	0.09	3.5	88.9	120	8.3	22	100	Y
7560-1000	1	25.4	1.240	31.5	0.25	0.11	4.5	114.3	120	8.3	22	100	Y
7560-1250	1-1/4	31.8	1.530	38.9	0.32	0.15	5.7	144.8	120	8.3	22	100	Y
7560-1500	1-1/2	38.1	1.780	45.2	0.39	0.18	6.7	170.2	100	6.9	22	100	Y
7560-2000	2	50.8	2.320	58.9	0.57	0.26	9.0	228.6	95	6.6	22	100	Y
7560-2500	2-1/2	63.5	2.810	71.4	0.80	0.36	11.0	279.4	75	5.2	22	100	Y
7560-3000	3	76.2	3.430	87.1	1.05	0.48	14.0	355.6	65	4.5	22	100	Y
7560-4000	4	101.6	4.450	113.0	1.64	0.74	18.0	457.2	55	3.8	22	100	Y
7560-6000	6	152.4	6.600	167.6	3.08	1.40	30.0	762.0	40	2.8	22	100	Y

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

#### ⚠️ 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.](#)
- ⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# DYNAFLEX™

## PVC Corrugated Lightweight Suction Hose

### Series 7561

Series 7561 is a flexible, lightweight suction and discharge hose for dry abrasive materials such as debris, granules, pellets and powders; mild chemicals; and water in a variety of transfer applications. The hose features a smooth tube that is abrasion resistant and allows full-flow. The corrugated construction incorporates a white PVC helix that provides suction capability, flexibility for ease of handling and kink resistance. The cover is resistant to abrasion, mild chemicals, ultraviolet light and weathering.

**NOTE:** Do not use in applications where a static charge may develop unless externally grounded.

<b>Tube:</b>	Green PVC, smooth finish
<b>Reinforcement:</b>	Rigid white PVC spiral helix
<b>Cover:</b>	Green PVC, corrugated finish; clockwise/right hand orientation
<b>Temp. Range:</b>	+23°F to +140°F (-5°C to +60°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Not branded
<b>Design Factor:</b>	3:1
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Abrasive materials, debris, mild chemicals, sewage, slurries, water</li> <li>• Agriculture, construction, mining</li> </ul>
<b>Vacuum:</b>	See below
<b>Compare to:</b>	Kanaflex 112 CL; Kuriyama WG; Pacific Echo 120; Superflex TX
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Vacuum Hg (in)	Std Pack Qty (ft)	Stock Status **
7561-1500	1-1/2	38.1	1.780	45.2	0.33	0.15	5.0	127.0	99	6.8	22	100	N
7561-2000	2	50.8	2.320	58.9	0.51	0.23	7.0	177.8	78	5.4	22	100	Y
7561-2500	2-1/2	63.5	2.830	71.9	0.67	0.30	9.0	228.6	71	4.9	22	100	N
7561-3000	3	76.2	3.400	86.4	0.85	0.39	12.0	304.8	56	3.9	22	100	Y
7561-4000	4	102.0	4.450	113.0	1.33	0.60	15.0	381.0	56	3.9	22	100	N

\* **Couplings:** Refer to CrimpSource at [www.safehose.com](http://www.safehose.com) for coupling recommendations and crimp specifications.

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

#### ⚠️ 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.](#)
- ▶ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# DYNAFLEX™

## Clear PVC Corrugated Suction Hose

### FDA

### Series 7563

Series 7563 is a flexible, lightweight PVC suction and discharge hose for dry abrasive materials such as debris, grains, granules, pellets and powders; non-fatty and non-oily foods, liquids and sanitary products; and potable water in a variety of transfer applications. The hose features a smooth tube that is abrasion resistant and will not impart taste or odor, and allows full-flow. The lightweight construction incorporates a PVC helix that provides full suction capability and kink resistance, and the clear PVC hose wall permits visual observation of materials being conveyed.

**NOTE:** Do not use in applications where a static charge may develop unless externally grounded.

<b>Tube:</b>	Clear PVC; smooth finish
<b>Reinforcement:</b>	Clear PVC helix
<b>Cover:</b>	Clear PVC, corrugated finish; clockwise/right hand orientation
<b>Temp. Range:</b>	+5°F to +140°F (-15°C to +60°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Not branded
<b>Design Factor:</b>	3:1
<b>Industry Standards:</b>	FDA
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Debris and dry abrasive materials; flour, grains, granules, pellets, potable water, powders, sugar</li> <li>• Liquids, non-fatty and non-oily foods</li> <li>• Agriculture, construction, marine, in-plant transfer, delivery, transport</li> </ul>
<b>Vacuum:</b>	See below
<b>Compare to:</b>	Gates 201 CR; Jason 4660; Kanaflex 200 SFG; Kuriyama WT; Pacific Echo 145; Petzetakis 12426SE; Superflex 9000; Veyance Nutriflex
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Vacuum Hg (in)	Std Pack Qty (ft)	Stock Status **
7563-1000	1	25.4	1.220	31.0	0.17	0.08	2.0	50.8	55	3.8	24	100	Y
7563-1250	1-1/4	31.8	1.480	37.6	0.21	0.10	3.0	76.2	50	3.4	24	100	Y
7563-1500	1-1/2	38.1	1.840	46.7	0.34	0.15	3.0	76.2	50	3.4	24	100	Y
7563-2000	2	50.8	2.360	59.9	0.50	0.23	4.0	101.6	40	2.8	24	100	Y
7563-2500	2-1/2	63.5	2.870	72.9	0.68	0.31	5.0	127.0	40	2.8	24	100	Y
7563-3000	3	76.2	3.500	88.9	1.00	0.45	6.0	152.4	40	2.8	24	100	Y
7563-4000	4	101.6	4.640	117.9	1.52	0.69	8.0	203.2	35	2.4	24	100	N
7563-6000	6	152.4	6.500	165.1	3.00	1.36	12.0	304.8	30	2.1	24	100	N

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

#### ⚠️ 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.](#)

⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# DYNAFLEX™

## PVC Suction Hose

### FDA

### Series 7564

Series 7564 is a PVC suction and discharge hose for dry abrasive materials such as debris, grains, granules, pellets and powders; non-fatty and non-oily foods, liquids and sanitary products; and potable water in a variety of transfer applications. The hose features a smooth tube that is abrasion resistant and will not impart taste or odor, and allows full-flow. The lightweight construction incorporates a white PVC helix that provides full suction capability and kink resistance, and the translucent PVC hose wall permits visual observation of materials being conveyed.

**NOTE:** Do not use in applications where a static charge may develop unless externally grounded.

**Tube:** Clear PVC; smooth finish  
**Reinforcement:** White PVC helix  
**Cover:** Clear PVC; smooth finish  
**Temp. Range:** +23°F to +140°F (-5°C to +60°C)  
 Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)

**Brand Method:** Not branded

**Design Factor:** 3:1

**Industry Standards:** FDA

**Applications:**

- Debris and dry abrasive materials; flour, grains, granules, pellets, potable water, powders, sugar
- Liquids, non-fatty and non-oily foods
- Agriculture, construction, marine, in-plant transfer, delivery, transport

**Vacuum:** See below

**Compare to:** Gates 101 CL, 200 CL; Jason 4606; Kuriyama H; Pacific Echo 090, 115; Superflex 1000CL; Veyance Nutriflow

**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 @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Vacuum Hg (in)	Std Pack Qty (ft)	Stock Status **
7564-500	1/2	12.7	n/a	0.750	19.1	0.12	0.05	2.5	63.5	120	8.3	28	100	N
7564-750	3/4	19.1	n/a	1.000	25.4	0.20	0.09	3.0	76.2	90	6.2	28	100	Y
7564-1000	1	25.4	n/a	1.220	31.0	0.26	0.12	4.0	101.6	90	6.2	28	100	Y
7564-1250	1-1/4	31.8	n/a	1.530	38.9	0.37	0.17	5.0	127.0	80	5.5	28	100	Y
7564-1500	1-1/2	38.1	n/a	1.810	46.0	0.44	0.20	6.0	152.4	75	5.2	28	100	Y
7564-2000	2	50.8	n/a	2.340	59.4	0.67	0.30	8.0	203.2	75	5.2	28	100	Y
7564-2500	2-1/2	63.5	n/a	2.850	72.4	0.90	0.41	10.0	254.0	75	5.2	28	100	Y
7564-3000	3	76.2	n/a	3.450	87.6	1.14	0.52	12.0	304.8	65	4.5	28	100	Y
7564-4000	4	101.6	n/a	4.500	114.3	1.81	0.82	16.0	406.4	55	3.8	28	100	Y
7564-6000	6	152.4	n/a	6.650	168.9	3.36	1.52	24.0	609.6	35	2.4	28	100	Y

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

#### ⚠ 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.](#)

⚠ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)

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# DYNAFLEX™ PVC Suction Hose

## FDA

### Series 7570

Series 7570 is a heavy duty PVC suction and discharge hose for dry abrasive materials such as debris, grains, granules, pellets, and powders; non-fatty and non-oily foods, liquids and sanitary products; and potable water in a variety of transfer applications. The hose features a smooth tube that is abrasion resistant and will not impart taste or odor, and allows full-flow. The lightweight construction incorporates a wire helix that provides full suction capability, kink resistance, and a path to conduct a static electrical charge to ground. The translucent PVC hose wall permits visual observation of materials being conveyed.

<b>Tube:</b>	Green tint PVC; smooth finish
<b>Reinforcement:</b>	Wire helix
<b>Cover:</b>	Green tint PVC; smooth
<b>Temp. Range:</b>	+14°F to +140°F (-10°C to +60°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Not branded
<b>Design Factor:</b>	3:1
<b>Industry Standards:</b>	FDA
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Debris and dry abrasive materials; flour, grains granules, pellets, potable water, powders, sugar</li> <li>• Liquids, non-fatty and non-oily foods</li> <li>• Agriculture, construction, marine, in-plant transfer, delivery, transport</li> </ul>
<b>Vacuum:</b>	See below
<b>Compare to:</b>	Gates 202SW; Kuriyama 7160; Pacific Echo W145; Petzetakis 17009; Veyance Nutriflex Static Wire
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Vacuum Hg (in)	Std Pack Qty (ft)	Stock Status **
7570-380	3/8	9.5	0.630	16.0	0.11	0.05	0.9	22.9	115	7.9	27	100	Y
7570-500	1/2	12.7	0.760	19.3	0.14	0.06	1.2	30.5	115	7.9	27	100	Y
7570-750	3/4	15.9	0.890	22.6	0.18	0.08	1.6	40.6	115	7.9	27	100	Y
7570-1000	1	25.4	1.320	33.5	0.34	0.15	2.5	63.5	85	5.9	27	100	Y
7570-1250	1-1/4	31.8	1.580	40.1	0.42	0.19	3.3	83.8	72	5.0	27	100	Y
7570-1500	1-1/2	38.1	1.850	47.0	0.52	0.24	3.5	88.9	72	5.0	27	100	Y
7570-2000	2	50.8	2.420	61.5	0.84	0.38	5.0	127.0	72	5.0	27	100	Y
7570-2500	2-1/2	63.5	2.950	74.9	1.21	0.55	6.5	165.1	57	3.9	25	100	N
7570-3000	3	76.2	3.550	90.2	1.48	0.67	8.0	203.2	57	3.9	25	100	Y
7570-4000	4	101.6	4.650	118.1	2.35	1.07	12.0	304.8	36	2.5	24	100	Y
7570-6000	6	152.4	6.650	168.9	4.29	1.95	18.0	457.2	28	1.9	22	100	N

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

#### ⚠️ 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.](#)

⚠️ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# GULLY WASHER®

## Standard Duty Lay Flat PVC Water Discharge Hose

### Series 7541

Series 7541 standard duty lay flat PVC discharge hose is a lightweight, standard duty hose for mild chemicals and water. The lay flat construction rolls up flat for easy handling, storage and transportation in agriculture, construction, general industrial and mining applications. The cover is resistant to abrasion, mild chemicals, ultraviolet light and weathering.

<b>Tube:</b>	Blue nitrile / PVC
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Blue PVC
<b>Temp. Range:</b>	+14°F to +140°F (-10°C to +60°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Not branded
<b>Design Factor:</b>	3:1
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Mild chemicals, water</li> <li>• Agriculture, construction, general industrial, mining</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Gates Master-Flex 500; Kanaflex 4501, 4502; Kuriyama NuFlo, VinylFlow; Petzetakis 11252; Sun-Flow SF-10; Superflex DH; Veyance Spiralflex Coils
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	Wall Thickness (in)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP (psi) @ 68°F	△ Max Rec WP (bar) @ 20°C	Std Pack Qty (ft)	Stock Status **
7541-1501	1-1/2	38.1	3	0.051	1.602	40.7	0.13	0.06	80	5.5	300	Y
7541-2001	2	50.8	3	0.051	2.102	53.4	0.16	0.07	80	5.5	300	Y
7541-2501	2-1/2	63.5	3	0.051	2.606	66.2	0.21	0.10	65	4.5	300	Y
7541-3001	3	76.2	3	0.053	3.110	79.0	0.24	0.11	60	4.1	300	Y
7541-4001	4	101.6	3	0.060	4.120	104.6	0.36	0.16	45	3.1	300	Y
7541-6001	6	152.4	3	0.065	6.140	156.0	0.63	0.29	40	2.8	300	Y
7541-8001	8	204.0	3	0.070	8.140	206.8	1.10	0.50	40	2.8	300	Y

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

#### ⚠ 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.](#)
- ⚠ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# GULLY WASHER®

## Medium Duty Lay Flat PVC Water Discharge Hose

### MSHA

### Series 7542

Series 7542 medium duty lay flat PVC discharge hose is a lightweight, medium duty hose for mild chemicals and water. The lay flat construction rolls up flat for easy handling, storage and transportation in agriculture, construction, general industrial and mining applications. The red flame resistant modified cover meets MSHA requirements and is also resistant to abrasion, mild chemicals, ultraviolet light and weathering.

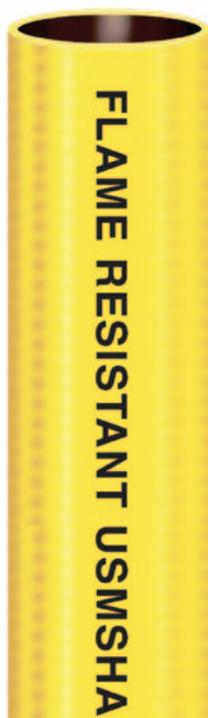
<b>Tube:</b>	Red nitrile / PVC
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Red PVC
<b>Temp. Range:</b>	+14°F to +140°F (-10°C to +60°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	White ink
<b>Brand Example:</b>	FLAME RESISTANT USMSHA #
<b>Design Factor:</b>	3:1
<b>Industry Standards:</b>	MSHA
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Mild chemicals, water</li> <li>• Agriculture, construction, general industrial, mining</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Jason 4510; Kuriyama Ironsides; Petzetakis 11298; Sun-Flow SF-30, SF-50
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	Wall Thickness (in)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Std Pack Qty (ft)	Stock Status **
7542-1501	1-1/2	38.1	3	0.079	1.658	42.1	0.20	0.09	150	10.3	300	Y
7542-2001	2	50.8	3	0.083	2.166	55.0	0.30	0.14	150	10.3	300	Y
7542-2501	2-1/2	63.5	3	0.091	2.682	68.1	0.40	0.18	150	10.3	300	Y
7542-3001	3	76.2	3	0.091	3.182	80.8	0.52	0.24	150	10.3	300	Y
7542-4001	4	101.6	3	0.102	4.204	106.8	0.74	0.34	150	10.3	300	Y
7542-6001	6	152.4	3	0.114	6.228	158.2	1.25	0.57	120	8.3	300	Y
7542-8001	8	203.2	3	0.120	8.240	209.3	1.89	0.86	100	7.0	300	Y

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

#### ⚠ 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.](#)
- ⚠ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# GULLY WASHER®

## Heavy Duty Lay Flat PVC Water Discharge Hose

### MSHA

### Series 7545

Series 7545 heavy duty lay flat PVC discharge hose is a lightweight, heavy duty hose for mild chemicals and water. The lay flat construction rolls up flat for easy handling, storage and transportation in agriculture, construction, general industrial and mining applications. The bright yellow flame resistant modified cover meets MSHA requirements and is also resistant to abrasion, mild chemicals, ultraviolet light and weathering.

<b>Tube:</b>	Black nitrile / PVC
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Yellow PVC
<b>Temp. Range:</b>	+14°F to +140°F (-10°C to +60°C) Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. <a href="#">See the PVC and Thermoplastic Temperature/Pressure chart on page 445.</a>
<b>Brand Method:</b>	Black ink
<b>Brand Example:</b>	FLAME RESISTANT USMSHA #
<b>Design Factor:</b>	3:1
<b>Industry Standards:</b>	MSHA
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Mild chemicals, water</li> <li>• Agriculture, construction, general industrial, mining</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Jason 4520; Petzetakis 11294; Sun-Flow SF-20; Veyance Spiralflex 2700, Brigade
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	Reinf Plies	Wall Thickness (in)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	△ Max Rec WP @ 68°F (psi)	△ Max Rec WP @ 20°C (bar)	Std Pack Qty (ft)	Stock Status **
7545-1501	1-1/2	38.1	3	0.110	1.720	43.7	0.32	0.15	230	15.9	300	Y
7545-2001	2	50.8	3	0.110	2.220	56.4	0.42	0.19	230	15.9	300	Y
7545-2501	2-1/2	63.5	3	0.122	2.744	69.7	0.56	0.25	230	15.9	300	Y
7545-3001	3	76.2	3	0.122	3.244	82.4	0.68	0.31	175	12.1	300	Y
7545-4001	4	101.6	3	0.134	5.474	139.0	1.01	0.46	160	11.0	300	Y
7545-6001	6	152.4	3	0.157	6.314	160.4	1.85	0.84	150	10.3	300	Y
7545-8001	8	203.2	3	0.157	8.314	211.2	2.68	1.22	150	10.3	300	N

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

#### ⚠ 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.](#)
- ⚠ Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. [See the PVC and Thermoplastic Temperature/Pressure chart on page 445.](#)



# PVC Split Cable Guard MSHA

## Series 7575

Series 7575 is a guard/harness to protect cables and hoses from abrasion and debris in underground mining applications. The construction features a smooth tube that prevents snagging and a uniformly split wall for easy installation of cables, hoses and other materials. The translucent, flame resistant PVC material meets MSHA requirements, is abrasion resistant and permits visual observation of the contained cables and hoses.

<b>Tube:</b>	Translucent PVC; smooth
<b>Reinforcement:</b>	White PVC helix
<b>Cover:</b>	Translucent PVC; corrugated
<b>Temp. Range:</b>	+14°F to +140°F (-10°C to +60°C)
<b>Brand Method:</b>	Black ink
<b>Brand Example:</b>	PARKER 7575 CABLE GUARD MSHA # MADE IN GREECE (DATE CODE)
<b>Industry Standards:</b>	MSHA
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Cable and hose bundle protection</li> <li>• Protective cover for mine supply lines</li> <li>• General industrial, mining</li> </ul>
<b>Vacuum:</b>	Not recommended
<b>Compare to:</b>	Kuriyama CG-SL, Novaflex 143, Veyance Spiraflex
<b>Packaging:</b>	Coils

Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Std Pack Qty (ft)	Stock Status **
7575-3000	3	76.2	3.268	83.0	4.20	1.91	100	Y

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



# NEXWRAP

## Spiral Wrap Chafe Guard

### Series 475

Series 475 protects bundles of cable, hose or wire from abrasion and chemical attack and enables easy and flexible routing of multiple lines without removing end terminals or couplings. The lightweight chafe guard installs easily, individual lines can be removed or replaced easily and the open corrugations permit individual items to exit the bundle at any point in the harness.

**NOTE:** Other colors are available. Contact Parker.

<b>Material:</b>	Black or white linear low density polyethylene (LLDPE)
<b>Temp. Range:</b>	-50°F to +140°F (-45°C to +60°C)
<b>Brand Method:</b>	Not branded
<b>Industry Standards:</b>	None applicable
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Hose and tubing bundling, wire harness</li> <li>• Resin infusion (manufacturing with fiberglass injection)</li> <li>• Assembly lines, fabrication shops, general industrial, manufacturing</li> </ul>
<b>Packaging:</b>	Reels, spools

#### Series 475 – NEXWRAP Natural (White)

Part Number	ID (in)	ID (mm)	Wall (in)	Wall (mm)	Recommended Harness Diameter		Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	Std Pack Qty (ft)	Stock Status ** (USA)
					Min (in)	Max (in)				
475-06000704	3/8	9.5	0.062	1.6	3/16	1	24.00	10.88	1000	N
475-08000504	1/2	12.7	0.062	1.6	5/16	1-1/2	18.00	8.16	500	N
475-12000501	3/4	19.1	0.062	1.6	1/2	1-1/2	36.00	16.33	500	N
475-16000401	1	25.4	0.125	3.2	3/4	2	56.00	25.40	400	N

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

#### Series 475 – NEXWRAP (Black)

Part Number	ID (in)	ID (mm)	Wall (in)	Wall (mm)	Recommended Harness Diameter		Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kgs)	Std Pack Qty (ft)	Stock Status ** (USA)
					Min (in)	Max (in)				
475-06008704	3/8	9.5	0.062	1.6	3/16	1	24.00	10.89	1000	N
475-08008504	1/2	12.7	0.062	1.6	5/16	1-1/2	18.00	8.16	500	N
475-12008501	3/4	19.1	0.062	1.6	1/2	1-1/2	36.00	16.33	500	N
475-16008401	1	25.4	0.125	3.2	3/4	2	56.00	25.40	400	N

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

