

# PVC Hose and Tubing



## Hose Selector Guide – by application

Series	Trademark	Hose Application / Construction		Tube	Cover	Size Range (in)	Pressure Range* (psi)	Temp Range* (°F)	Page No.
100	NEXCLEAR®	Tubing, potable water	Clear, blue tint	PVC	-	1/16 - 2	20-60	+25 / +150	170
106	NEXCOL	Tubing, multipurpose	Black, blue, gray, green, white	PVC	-	1/8 - 1	25-65	+25 / +150	172
106 HSG	NEXCOL HSG	Tubing, aeration	Black	PVC	-	3/8 - 5/8	50-60	+30 / +140	173
115	NEXPRIME T	Tubing, fuel	Clear, amber tint	PVC	-	1/8 - 3/8	45-65	+25 / +150	174
125	NEXBRAID®	Hose, potable water, standard wall	Clear, reinforced	PVC	PVC	3/16 - 2	75-250	+25 / +150	184
126	NEXBRAID®	Hose, potable water, thick wall	Clear, reinforced	PVC	PVC	1/4 - 1-1/2	100-350	+25 / +150	184
128	NEXBRAID® PW	Hose, potable water by-pass	Blue	PVC	PVC	5/8 - 2	75-250	-13 / +150	189
160	NEXAQUA	Hose, water	Green opaque	PVC	PVC	1/2 - 5/8	125-150	+25 / +150	190
161	NEXAQUA	Hose, water	Green tint	PVC	PVC	3/4 - 1	100	+25 / +150	190
162	NEXAQUA	Hose, potable water	Clear, reinforced, red tracer	PVC	PVC	3/8 - 1-1/8	75-150	+25 / +150	187
164	NEXAQUA	Hose, potable water	Clear cover, reinforced, blue tracer	PVC	PVC	3/8 - 1-1/8	75-150	+25 / +150	187
167		Hose, fire extinguisher	Black	Blended PVC	Blended PVC	3/8 - 1/2	250	-65 / +150	183
202	NEXSPRAY U	Hose, high pressure spray	Yellow	Urethane/PVC	PVC	3/8 - 3/4	600	+25 / +150	181
203	NEXSPRAY U	Hose, high pressure spray	Green	Urethane/PVC	PVC	3/8 - 3/4	800	+25 / +150	181
268	NEXSPRAY	Hose, high pressure spray	Green or yellow	PVC	PVC	3/8 - 1/2	600	+25 / +150	180
439	NEXVA T EVA	Tubing, chemicals	Black	EVA	-	7/8 - 1	75-100	-50 / +125	175
440	NEXVA T EVA	Tubing, chemicals	Natural	EVA	-	3/8 - 1/2	70-125	-50 / +125	175
450	NEXVA	Hose, chemicals	Translucent	EVA	EVA	1/4 - 1	150-300	-50 / +125	182
475	NEXWRAP	Abrasion guard, harness	Spiral split	Polyethylene	-	3/8 - 1	n/a	-50 / +140	197
709	NEXSYN	Tubing, chemicals	Black, flexible	EPDM/TPV	-	3/16 - 1	25-40	-75 / +180	176
714	NEXSYN	Tubing, potable water	Natural, flexible	EPDM/TPV	-	3/16 - 1	25-40	-75 / +180	177
715	NEXSYN	Hose, potable water	Gray, flexible	EPDM/TPV	EPDM/TPV	3/8 - 5/8	200	-75 / +180	188
7541	GULLY WASHER®	Hose, water discharge	Lay flat, blue	PVC	PVC	1-1/2 - 8	45-70	-5 / +170	195
7542	GULLY WASHER®	Hose, water discharge	Lay flat, red	PVC	PVC	1-1/2 - 8	80-150	-5 / +170	196
7560	DYNAFLEX™	Hose, suction/discharge	Green	PVC	PVC	3/4 - 6	40-120	+23 / +140	191
7563	DYNAFLEX™	Hose, suction/discharge	Clear, corrugated	PVC	PVC	3/4 - 8	35-55	+5 to +140	192

\* Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.

(Continued on the following page)

See the following page for the Hose Selector Guide by industry standard.

The above table is a guide only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. For more specific Industry Standards information, refer to the "Industry Standards" section of each respective product page. Contact Parker for additional information.

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		Tube	Cover	Size Range (in)	Pressure Range* (psi)	Temp Range* (°F)	Page No.
7564	DYNAFLEX™	Hose, suction/discharge	Clear, smooth	PVC	PVC	1/2 - 6	35-120	+23 / +140	193
7570	DYNAFLEX™	Hose, suction/discharge	Green tint, wire helix	PVC	PVC	3/4 - 6	15-73	+14 / +140	194
7581	THORO-BRAID®	Hose, potable water	Clear, reinforced	PVC	PVC	1/4 - 2	70-285	-5 / +170	186
GPH	GPH™	Hose, multipurpose	Black, blue, gray, red, yellow	PVC	PVC	3/16 - 1	250-300	-15 / +150	178

\* Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.

## Hose Selector Guide – by industry standard

Series	Industry Standards										
	ANSI/NSF	EU	FDA	GSA	MSHA	Non-conductive	NSF	NSF 61	RoHS	UL	USP
100		■	■	■			■		■		■
125		■	■				■		■		■
126		■	■				■		■		■
128								■			
162			■				■		■		
164			■				■		■		
167										■	
440									■		
450									■		
714	■	■	■						■		
715		■	■				■		■		
7542					■						
7563			■								
7564			■								
7570			■								
7581			■								
GPH						■					

See the previous page and above for the Hose Selector Guide by application.

The above tables are guides only. It is the responsibility of the end user to select and/or test the most appropriate product for the application. For more specific Industry Standards information, refer to the “Industry Standards” section of each respective product page. Contact Parker for additional information.

**A complete listing of industry standards is available in the Introduction section. See the pages immediately following the Table of Contents for a complete index by series, and by product application and name.**

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



# NEXCLEAR® Clear PVC Tubing Series 100



Industry Standards	
<input checked="" type="checkbox"/>	EU
<input checked="" type="checkbox"/>	FDA
<input checked="" type="checkbox"/>	GSA
<input checked="" type="checkbox"/>	NSF
<input checked="" type="checkbox"/>	RoHS
<input checked="" type="checkbox"/>	USP

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 in the Media Compatibility section.
- 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)
- Industry Standards:**
- FDA ingredients\*, NSF 51 certified to 180°F (82°C)\*\*\*, USP Class VI Rated Materials\*
  - RoHS Compliant, GSA 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








# Part Number	ID		Wall		OD		Approx Wt		Max WP		Nom Std Pack Qty (ft)	Pkg Type
	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)	@ 68°F (psi)	@ 20°C (bar)		
100-01020502	1/16	1.6	0.031	0.8	1/8	3.2	0.02	0.03	50	3	500	Coil
100-02040102	1/8	3.2	0.062	1.6	1/4	6.4	0.02	0.03	65	5	100	Coil
100-03040102			0.032	0.8	1/4	6.4	0.02	0.03	50	3	100	Coil
100-03050102	3/16	4.8	0.062	1.6	5/16	7.9	0.02	0.03	55	4	100	Coil
100-03060102			0.094	2.4	3/8	9.5	0.04	0.06	60		100	Coil
100-04060102			0.062	1.6	3/8	9.5	0.04	0.06	55		100	Coil
100-04070102	1/4	6.4	0.094	2.4	7/16	11.1	0.04	0.06	58	4	100	Coil
100-04080102			0.125	3.2	1/2	12.7	0.09	0.13	60		100	Coil
100-05070102			0.062	1.6	7/16	11.1	0.04	0.06	50		3	100
100-05080102	5/16	7.9	0.094	2.4	1/2	12.7	0.07	0.10	55	4	100	Coil
100-05090102			0.125	3.2	9/16	14.3	0.09	0.13	60		100	Coil
100-06080102	3/8	9.5	0.062	1.6	1/2	12.7	0.04	0.06	45	3	100	Coil
100-06090102			0.094	2.4	9/16	14.3	0.07	0.10	50		100	Coil
100-06100102	3/8	9.5	0.125	3.2	5/8	15.9	0.11	0.16	55	4	100	Coil
100-07090102	7/16	11.1	0.062	1.6	9/16	14.3	0.04	0.06	35	2	100	Coil

\* 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. (Continued on the following page)

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

**WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.

## 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/m)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Nom Std Pack Qty (ft)	Pkg Type
100-08100102			0.062	1.6	5/8	15.9	0.07	0.10	30	2	100	Coil
100-08110102	1/2	12.7	0.094	2.4	11/16	17.5	0.09	0.13	40	3	100	Coil
100-08120102			0.125	3.2	3/4	19.1	0.13	0.19	45		100	Coil
100-10120102			0.062	1.6	3/4	19.1	0.07	0.10	25	2	100	Coil
100-10130102	5/8	15.9	0.094	2.4	13/16	20.6	0.11	0.16	35	2	100	Coil
100-10140102			0.125	3.2	7/8	22.2	0.15	0.22	40	3	100	Coil
100-12160100			0.125	3.2	1	25.4	0.18	0.27	35	2	100	Coil
100-12180100	3/4	19.1	0.187	4.7	1-1/8	28.6	0.29	0.43	40	3	100	Coil
100-12200100			0.250	6.4	1-1/4	31.8	0.42	0.63	45		100	Coil
100-14180100	7/8	22.2	0.125	3.2	1-1/8	28.6	0.20	0.30	30	2	100	Coil
100-16200100			0.125	3.2	1-1/4	31.8	0.24	0.36	25		100	Coil
100-16220100	1	25.4	0.187	4.7	1-3/8	34.9	0.37	0.55	30	2	100	Coil
100-16240100			0.250	6.4	1-1/2	38.1	0.53	0.79	35		100	Coil
100-20240100			0.125	3.2	1-1/2	38.1	0.29	0.43	20	1	100	Coil
100-20280100	1-1/4	31.8	0.250	6.4	1-3/4	44.5	0.62	0.92	40	3	100	Coil
100-24300100			0.187	4.7	1-7/8	47.6	0.53	0.79	30	2	100	Coil
100-24320100	1-1/2	38.1	0.250	6.4	2	50.8	0.73	1.09	35		100	Coil
100-32400100	2	50.8	0.250	6.4	2-1/2	63.5	0.93	1.39	30	2	100	Coil

\* 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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# 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.

- Tube:** Black, blue, gray, green, white 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 in the Media Compatibility section.
- Brand Method:** Not branded
- Industry Standards:** None applicable
- Applications:**
  - Air, drain, light vacuum, water, wire harness
  - General industrial
- Vacuum:** Light

Other cover colors available:



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

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

**WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.













## 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. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
<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>Vacuum:</b>	Not recommended

### 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 (kg)	 Max WP @ 68°F (psi)	 Max WP @ 20°C (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
106-00068055	9/16	14.6	1.2	29.3	25.00	11.30	60	3	50	Coil
106-00068100					50.00	22.70	50		100	Coil
106-00118055	3/8	9.5	0.7	18.7	10.20	4.60	50	3	50	Coil
106-00118105					20.30	9.20			50	100
106-00148055	1/2	12.7	1.1	27.4	23.30	10.60	50	3	50	Coil
106-00148100					46.50	21.10			50	100

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

### 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 (kg)	 Max WP @ 68°F (psi)	 Max WP @ 20°C (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
106-00208055	3/8	9.5	0.7	17.4	10.2	4.60	50	3	50	Coil
106-00208105					20.3	9.20			50	100
106-00258100	1/2	12.7	1.1	28.0	48.00	21.80	50	3	100	Coil
106-00258501	5/8	15.9	1.1	28.8	280.5	127.20	50	3	500	Coil
106-00268100	1/2	12.7	1.1	28.0	24.00	10.90	50	3	50	Coil

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

**WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.



# 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 vehicle engine compartment applications.

- Tube:** Amber tint PVC; 70A 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 in the Media Compatibility section.
- Brand Method:** Not branded
- Industry Standards:** None applicable
- Applications:**
  - Fuel feed lines
  - General industrial, lawn and garden
- Vacuum:** Not recommended

# Part Number	 ID (in)	 ID (mm)	 Wall (in)	 Wall (mm)	 OD (in)	 OD (mm)	 Approx Wt Per Pkg (lbs)	 Approx Wt Per Pkg (kg)	 Max WP @ 68°F (psi)	 Max WP @ 20°C (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
115-02040102	1/8	3.2	0.062	1.6	1/4	6.4	1.90	0.90	65	5	100	Carton
115-03050102	3/16	4.8	0.062	1.6	5/16	8.0	2.50	1.10	55	4	100	Carton
115-04060102	1/4	6.4	0.062	1.6	3/8	9.5	3.20	1.50	55	4	100	Carton
115-06080102	3/8	9.5	0.062	1.6	1/2	12.7	4.50	2.00	45	3	100	Carton

**⚠ WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.





# NEXVA T EVA Tubing RoHS (Series 440 Only)

Series 439 (Black) and Series 440 (Natural)



Series 440 Only

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.

- Tube:** **Series 439:** Black EVA  
**Series 440:** Natural EVA
- Temp. Range:** -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. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
- Brand Method:** **Series 439:** White ink  
**Series 440:** Black ink
- Brand Example:** **Series 439:** NEXVA "T" BY PARKER NEXGEN® (P/N) (ID X OD) MAX WP XX PSI AT 68°F (20°C)  
**Series 440:** NEXVA "T" EVA TUBING BY PARKER NEXGEN® (ID X OD) MAX WP XX PSI AT 68°F (20°C)
- Design Factor:** 3:1
- Industry Standards:** RoHS (Series 440 only)
- Applications:**
  - Abrasive materials, anhydrous ammonia, herbicides, mild chemicals, pesticides, water
  - Ammonia applicators, seed insertion, sight gauges
  - Agriculture, general industrial, lawn and garden
- Vacuum:** Light

## Series 439 (Black)

# Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Nom Std Pack Qty (ft)	Pkg Type
439-14188200	7/8	22.2	1.1	28.6	0.16	0.24	100	7	200	Coil
439-16008100	1	25.4	1.3	31.6	0.18	0.27	75	5	100	Coil

**⚠ WARNING:** This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

## Series 440 (Natural)

# Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Nom Std Pack Qty (ft)	Pkg Type
440-06080300	3/8	9.5	0.5	12.7	0.03	0.04	75	5	300	Coil
440-06100300	3/8	9.5	0.6	15.9	0.08	0.12	125	9	300	Coil
440-06100501									500	Coil
440-08100300	1/2	12.7	0.6	15.9	0.04	0.06	70	5	300	Coil
440-08120300			0.8	19.1	0.10	0.15	125	9		Coil

**⚠ WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.















# 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.

- Tube:** Black EPDM / TPV; 65A durometer
- Temp. Range:** -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. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
- Brand Method:** Not branded
- Industry Standards:** None applicable
- Applications:**
  - Mild acids, alkalis, chemicals; water
  - Drain lines, handle grips, light vacuum, peristaltic pumps
- Vacuum:** Light

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

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

**WARNING!** Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.



# NEXSYN F65 EPDM / TPV Tubing

Series 714

Industry Standards	
<input checked="" type="checkbox"/>	ANSI/NSF
<input checked="" type="checkbox"/>	EU
<input checked="" type="checkbox"/>	FDA
<input checked="" type="checkbox"/>	RoHS

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.

- Tube:** Natural EPDM / TPV; 64A durometer
- Temp. Range:** -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. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
- Brand Method:** Not branded
- Industry Standards:**
- Complies to provisions of US FDA 21 CFR 177.1210 and 177.2600\*\*\*
  - Compound used is ANSI/NSF 61 certified to maximum temperature +212°F (+100°C)\*
  - Compound compliant to EU Directive 2003/11/EC
  - RoHS Compliant—EU Directive 2002/95/EC
- Applications:**
- Beverages, food, potable water; mild acids, alkalis and chemicals
  - Drain lines, handle grips, light vacuum, peristaltic pumps
- Vacuum:** Light

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

\* 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 in the Media Compatibility section.



## PVC General Purpose Hose

Series GPH™

Industry  
Standards

✓ Nonconductive

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.

- NOTES:**
- The user must determine if the hose is suitable for applications subject to electrical hazard. Contact Parker for additional information.
  - Series GPH does not contain red phosphorous.

### Other cover colors available:

GPH-BLU 

GPH-GRA 

GPH-YEL 

<b>Tube:</b>	Black PVC
<b>Reinforcement:</b>	Multiple textile plies
<b>Cover:</b>	Black, blue, gray, red or yellow PVC; perforated smooth finish
<b>Temp. Range:</b>	-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 the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
<b>Brand Method:</b>	White ink on black, blue and red hose Black ink on gray and yellow hose
<b>Brand Example:</b>	PARKER GPH – (dash ID) – (fraction ID) – XXX PSI – GENERAL PURPOSE
<b>Design Factor:</b>	4:1
<b>Industry Standards:</b>	Electrically nonconductive with a minimum resistance of one megaohm per inch at 1000 volts DC
<b>Applications:</b>	<ul style="list-style-type: none"> <li>• Air (including oil mist), mild chemicals, water</li> <li>• Agriculture, construction, general industrial</li> </ul>
<b>Vacuum:</b>	See table on the following page
<b>Compare to:</b>	Boston Polyforce II; ContiTech Pliovic 300

(Continued on the following page)

**⚠ WARNING:** This product can expose you to chemicals including N-Methylpyrrolidone, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).















### ⚠ 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 in the Media Compatibility section.

## Series GPH™ – PVC General Purpose Hose (Continued)

### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Min Bend Rad (in)	 Min Bend Rad (mm)	 Max WP @ 68°F (psi)	 Max WP @ 20°C (bar)	 Vacuum Hg (in)	 Nom Std Pack Qty (ft)	 Pkg Type
GPH-3GRA500RL	3/16	4.8	2	0.4	10.2	0.06	0.09	1	15	300	21	25	500	Coil
GPH-4BLK500RL														
GPH-4BLU500RL														
GPH-4GRA500RL	1/4	6.4	2	0.5	13.0	0.08	0.12	1	20	300	21	23	500	Coil
GPH-4RED500RL														
GPH-4YEL500RL														
GPH-5GRA500	5/16	7.9	2	0.6	14.0	0.09	0.13	1	20	300	21	23	500	Coil
GPH-6BLK500RL														
GPH-6BLU500RL														
GPH-6GRA500RL	3/8	9.5	2	0.6	16.3	0.12	0.18	1	25	300	21	23	500	Coil
GPH-6RED500RL														
GPH-6YEL500RL														
GPH-8BLK500RL														
GPH-8BLU500RL														
GPH-8GRA500RL	1/2	12.7	2	0.8	20.3	0.17	0.25	2	38	300	21	17	500	Coil
GPH-8RED500RL														
GPH-8YEL500RL														
GPH-10BLK250														
GPH-10GRA250	5/8	15.9	2	0.9	23.1	0.22	0.33	3	64	300	21	10	250	Coil
GPH-10RED250														
GPH-12BLK100														
GPH-12BLU100	3/4	19.1	2	1.1	27.2	0.25	0.37	3	71	300	21	10	100	Coil
GPH-12GRA100														
GPH-12RED100														
GPH-16BLK100	1	25.4	2	1.3	33.8	0.36	0.54	4	102	250	17	5	100	Coil
GPH-16RED100														

**WARNING:** This product can expose you to chemicals including N-Methylpyrrolidone, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).



# 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. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
<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)
<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

### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

# Part Number	Color	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt Per Pkg (lbs)	 Approx Wt Per Pkg (kg)	 Max WP @ 68°F (psi)	 Max WP @ 20°C (bar)	 Nom Std Pack Qty (ft)	 Pkg Type
268-06002300	Yellow	3/8	9.53	2	0.6	16.1	35.00	15.88	600	41	300	Coil
268-06002400							46.00	20.87			400	Coil
268-06005300	Green	3/8	9.53	2	0.6	16.1	35.00	15.88	600	41	300	Coil
268-08002300	Yellow	1/2	12.70	2	0.8	20.1	50.00	22.68	600	41	300	Coil
268-08002400							67.00	30.39			400	Coil
268-08005300	Green	1/2	12.70	2	0.8	20.1	50.00	22.68	600	41	300	Coil
268-08005400							67.00	30.39			400	Coil

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

### ⚠️ 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 in the Media Compatibility section.



# 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 in the Media Compatibility section.
- 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)  
**Series 203:** NEXSPRAY U800 BY PARKER NEXGEN (P/N) (ID) X (OD) MAX WP 800 PSI AT 68°F (20°C)
- Industry Standards:** None applicable
- Applications:**
  - Chemicals, herbicides, pesticides, water
  - Agriculture, commercial lawn and garden
- Vacuum:** Not recommended

### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

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

# Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kg)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Nom Std Pack Qty (ft)	Pkg Type
202-06002300	3/8	9.5	4	0.7	16.6	38.00	17.24	600	41	300	Coil
202-06002400						51.00	23.13			400	Coil
202-08002300	1/2	12.7	4	0.8	21.3	60.00	27.22	600	41	300	Coil
202-08002400						80.00	36.29			400	Coil
202-12002300	3/4	19.1	4	1.1	29.0	99.00	44.91	600	41	300	Coil

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

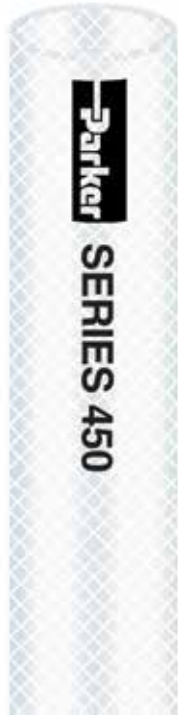
### Series 203 – NEXSPRAY U800, 800 PSI, Green Ribbed Cover

# Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kg)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Nom Std Pack Qty (ft)	Pkg Type
203-06005300	3/8	9.5	4	0.7	16.6	39.00	17.69	800	55	300	Coil
203-08005300	1/2	12.7	4	0.8	21.3	60.00	27.22	800	55	300	Coil
203-10005300	5/8	15.9	4	1.0	25.1	81.00	37.00	800	55	300	Coil
203-12005300	3/4	19.1	4	1.1	29.0	101.00	45.81	800	55	300	Coil

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

### 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 in the Media Compatibility section.



# NEXVA EVA Hose

## 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.

- Tube:** Semi-translucent natural ethyl vinyl acetate (EVA)
- Reinforcement:** Multiple textile plies
- Cover:** Semi-translucent natural ethyl vinyl acetate (EVA)
- Temp. Range:** -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. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
- Brand Method:** Black ink
- Brand Example:** NEXVA 12 BY PARKER NEXGEN (P/N) (ID) X (OD) MAX WP XXX PSI AT 68°F (20°C)
- Industry Standards:** RoHS
- Applications:**
  - Mild chemicals; anhydrous ammonia, herbicides, pesticides, water
  - Anhydrous ammonia applicator, light vacuum line, seed insertion, sight gauge
  - Agriculture, commercial lawn and garden
- Vacuum:** Light

### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

# Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kg)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Nom Std Pack Qty (ft)	Pkg Type
450-04000500	1/4	6.4	2	0.4	9.9	15.00	6.80	300	21	500	Coil
450-06000300	3/8	9.5	2	0.6	15.1	21.00	9.53	250	17	300	Coil
450-08000300	1/2	12.7	2	0.7	18.3	27.00	12.25	250	17	300	Coil
450-10000300	5/8	15.9	2	0.8	21.5	32.00	14.51	200	14	300	Coil
450-12000300	3/4	19.1	2	1.0	24.6	39.00	17.69	150	10	300	Coil
450-16000200	1	25.4	2	1.3	33.3	49.00	22.23	150	10	200	Coil

### ⚠️ 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 in the Media Compatibility section.





# Fire Extinguisher and Booster Hose

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.

- Tube:** Black blended PVC; 72A durometer
- Reinforcement:** Multiple textile plies
- Cover:** Black blended PVC; UV resistant 72A durometer smooth finish
- Temp. Range:** -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. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
- Brand Method:** White ink
- Brand Example:** PARKER HANNIFIN CANADA (P/N) UL INC. ® LISTED FIRE EXT. & BOOSTER HOSE EX5282 ISSUE 2052 MAX WP 250 PSI -54°C (-65°F)
- Design Factor:** 4:1
- Industry Standards:** UL92
- Applications:** Portable fire extinguishers
- Vacuum:** Not recommended

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Max WP @ 68°F (psi)	 Max WP @ 20°C (bar)
167-06008	3/8	9.5	2	0.7	17.0	13.40	19.97	250	17
167-08008	1/2	12.7	2	0.8	20.8	18.20	27.12	250	17

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

**⚠ 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 in the Media Compatibility section.



# NEXBRAID® Clear PVC Hose

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



Industry Standards	
<input checked="" type="checkbox"/>	EU
<input checked="" type="checkbox"/>	FDA
<input checked="" type="checkbox"/>	NSF
<input checked="" type="checkbox"/>	RoHS
<input checked="" type="checkbox"/>	USP

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.

**Tube:** Clear PVC  
**Reinforcement:** Multiple textile plies  
**Cover:** Blue tint PVC; smooth 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 in the Media Compatibility section.

**Brand Method:** Black ink

**Brand Example:**  
**Series 125:** 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)  
**Series 126:** 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)

**Industry Standards:**

- FDA ingredients\*\*, NSF 51 certified to 180°F (82°C)\*\* , USP Class VI Rated\*\*
- EU: Meets requirements and amendments of Resolution AP(89) for food contact
- RoHS Compliant

**Applications:**

- Beverages, potable water, pure water
- Dry abrasive materials, flour, grains, granules, pellets, powders, sugar
- Air, flexible conduit, light vacuum, wire harness

**Vacuum:** Light

(Continued on the following page)

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

**⚠ 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 in the Media Compatibility section.

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

## Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".












## Series 125 (Standard Wall)

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Max WP (psi) @ 68°F	 Max WP (bar) @ 20°C	 Nom Std Pack Qty (ft)	 Pkg Type
125-03000300	3/16	4.8	2	0.4	9.5	0.05	0.07	250	17	300	Coil
125-04000300	1/4	6.4	2	0.4	11.1	0.06	0.09	250	17	300	Coil
125-05000300	5/16	7.9	2	0.5	13.3	0.08	0.12	250	17	300	Coil
125-06000300	3/8	9.5	2	0.6	15.1	0.09	0.13	225	16	300	Coil
125-08000300	1/2	12.7	2	0.8	19.1	0.14	0.21	200	14	300	Coil
125-10000300	5/8	15.9	2	0.9	22.2	0.17	0.25	200	14	300	Coil
125-12000300	3/4	19.1	2	1.0	26.2	0.22	0.33	150	10	300	Coil
125-16000200	1	25.4	2	1.3	33.0	0.31	0.46	125	9	200	Coil
125-20000100	1-1/4	31.8	2	1.6	41.3	0.45	0.67	100	7	100	Coil
125-24000100	1-1/2	38.1	2	1.9	49.2	0.64	0.95	100	7	100	Coil
125-32000100	2	50.8	2	2.5	63.3	0.95	1.42	75	5	100	Coil

\* 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.

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

## Series 126 (Heavy Duty)

# Part Number	 ID (in)	 ID (mm)	 Reinf Layers	 OD (in)	 OD (mm)	 Approx Wt (lbs/ft)	 Approx Wt (kg/m)	 Max WP (psi) @ 68°F	 Max WP (bar) @ 20°C	 Nom Std Pack Qty (ft)	 Pkg Type
126-04000300	1/4	6.4	2	0.5	12.7	0.08	0.12	350	24	300	Coil
126-05000300	5/16	7.9	2	0.6	14.3	0.09	0.13	275	19	300	Coil
126-06000300	3/8	9.5	2	0.6	15.9	0.11	0.16	250	17	300	Coil
126-08000300	1/2	12.7	2	0.8	20.6	0.18	0.27	250	17	300	Coil
126-12000200	3/4	19.1	2	1.1	28.5	0.30	0.45	200	14	200	Coil
126-16000200	1	25.4	2	1.4	34.8	0.39	0.58	150	10	200	Coil
126-20000100	1-1/4	31.8	2	1.8	44.5	0.66	0.98	125	9	100	Coil
126-24000100	1-1/2	38.1	2	2.0	50.8	0.77	1.15	100	7	100	Coil

\* 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.

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



# THORO-BRAID® Clear PVC Hose

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.

**NOTE:** Series 7581 does not contain phthalates.

- Tube:** Clear PVC
- Reinforcement:** Multiple textile plies
- Cover:** Blue tint PVC; smooth finish
- Temp. Range:** -5°F to +170°F (-20°C to +76°C)  
Working pressures are at 68°F (20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
- Brand Method:** Not branded
- Design Factor:** 3:1
- Industry Standards:** FDA Compliant
- Applications:**
  - Beverages, potable and pure water
  - Dry abrasive materials, flour, grains, granules, pellets, powders, sugar
  - Air, flexible conduit, light vacuum, wire harness
- Vacuum:** Not recommended
- Compare to:** ContiTech Pliovic 200; Gates 7744; Jason 4511; Kentak 50H, Pacific Echo 410; Petzetakis 10206; Superflex BTC

### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

#													
Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Nom Std Pack Qty (ft)	Pkg Type
7581-251	1/4	6.4	2	0.4	11.0	0.06	0.09	1	31	285	20	300	Coil
7581-381	3/8	9.5	2	0.6	16.0	0.11	0.16	2	51	240	17	300	Coil
7581-501	1/2	12.7	2	0.8	20.0	0.13	0.19	2	61	215	15	300	Coil
7581-631	5/8	15.9	2	0.9	22.0	0.18	0.27	3	81	190	13	300	Coil
7581-751	3/4	19.1	2	1.0	26.0	0.22	0.33	4	102	185	13	300	Coil
7581-1001	1	25.4	2	1.3	33.0	0.32	0.48	6	140	145	10	300	Coil
7581-1251	1-1/4	31.8	2	1.6	41.0	0.45	0.67	7	180	95	7	100	Coil
7581-1501	1-1/2	38.1	2	1.9	48.0	0.60	0.89	10	254	70	5	100	Coil
7581-2001	2	50.8	2	2.4	62.0	0.91	1.36	12	300	70	5	100	Coil

### ⚠️ 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 in the Media Compatibility section.



# NEXAQUA PVC Potable Water Hose

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.

- Tube:**
  - Series 162:** Clear PVC
  - Series 164:** White PVC
- Reinforcement:**
  - Series 162:** Multiple textile plies with red tracer
  - Series 164:** Multiple textile plies with blue tracer
- Cover:** Clear PVC; smooth 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 in the Media Compatibility section.
- Brand Method:** Black ink
- Brand Example:**
  - Series 162:** NEXAQUA RT FOOD GRADE PVC BY PARKER NEXGEN® (P/N) (ID) X (OD) NSF-51 MAX TEMP 150°F (65°C)
  - Series 164:** NEXAQUA BT FOOD GRADE BY PARKER NEXGEN® (P/N) (ID) X (OD) MAX WP 150 PSI AT 68°F (20°C)
- Industry Standards:**
  - Series 162 (only) NSF 51 listed to maximum temperature 180°F (82°C)\*\*
  - Series 162 and 164 FDA ingredients\*\*
  - Series 162 and 164 RoHS compliant
- Applications:**
  - Potable water
  - Air, mild chemicals
- Vacuum:** Not recommended

**Crimp Specifications**

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

**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 Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Max WP (psi) @ 68°F	Max WP (bar) @ 20°C	Nom Std Pack Qty (ft)	Pkg Type
-06000250	3/8	9.5	2	0.6	14.4	19.00	28.31	150	10	250	Coil
-08000250	1/2	12.7	2	0.7	17.9	26.00	38.74	150	10	250	Coil
-10000250	5/8	15.9	2	0.8	21.2	32.00	47.68	125	9	250	Coil
-12000250	3/4	19.1	2	1.0	24.9	42.00	62.58	100	7	250	Coil
-16000250	1	25.4	2	1.2	31.2	54.00	80.46	75	5	250	Coil
-18000100	1-1/8	28.6	2	1.4	34.9	27.00	40.23	75	5	100	Coil

\* 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.

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

**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 in the Media Compatibility section.



# NEXSYN H61 EPDM / TPV Hose

Series 715

Industry Standards	
<input checked="" type="checkbox"/>	EU
<input checked="" type="checkbox"/>	FDA
<input checked="" type="checkbox"/>	NSF
<input checked="" type="checkbox"/>	RoHS

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.

- Tube:** Natural EPDM/TPV
- Reinforcement:** Multiple textile plies
- Cover:** Gray EPDM/TPV; smooth finish
- Temp. Range:** -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. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
- Brand Method:** Black ink
- Brand Example:** NEXSYN H61 BY PARKER NEXGEN® (P/N) (ID) X (OD) ANSI/NSF-61 COMPLIANT TUBE MATERIAL MAX 200 PSI WP AT 20°C
- Industry Standards:**
  - Tube material NSF 51 and NSF 61 listed
  - All ingredients in the tube compound are listed in the US FDA CFR, Title 21
  - RoHS Compliant
  - EU Directive 2003/11/EC Compliant
- Applications:**
  - Beverages, potable water; mild acids, alkalis and chemicals
  - Bottled water plants, marine drinking water lines, temporary municipal water connections; dishwasher supply lines
- Vacuum:** Not recommended

### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

#											
Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Max WP (psi) @ 68°F	Max WP (bar) @ 20°C	Nom Std Pack Qty (ft)	Pkg Type
715-06007300	3/8	9.5	2	0.6	15.9	0.09	0.13	200	14	300	Coil
715-08007300	1/2	12.7	2	0.8	19.1	0.11	0.16	200	14	300	Coil
715-10007300	5/8	15.9	2	0.9	22.2	0.13	0.19	200	14	300	Coil

### ⚠️ 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 in the Media Compatibility section.



# NEXBRAID® PW PVC Potable Water By-Pass Hose

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.

- Tube:** Clear/blue tint PVC
- Reinforcement:** Multiple textile plies
- Cover:** Blue PVC; smooth finish
- Temp. Range:** -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. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
- Brand Method:** Black ink
- Brand Example:** 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)
- Industry Standards:**
  - FDA Compliant
  - 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
  - Tube compound is California Proposition 65 compliant
- Applications:**
  - Potable water, pure water
  - Bottled water plants, water analysis collection
  - Municipal water supply temporary by-pass connections
- Vacuum:** Not recommended

### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

#											
Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Nom Std Pack Qty (ft)	Pkg Type
128-10006200	5/8	15.9	2	1.0	23.6	0.21	0.31	250	17	200	Coil
128-12006200	3/4	19.1	2	1.1	28.6	0.59	0.88	250	17	200	Coil
128-12016200				1.0	26.2	0.22	0.33	150	10	300	Coil
128-16006200	1	25.4	2	1.4	34.9	0.77	1.15	200	14	200	Coil
128-20006100	1-1/4	31.8	2	1.6	41.4	0.49	0.73	150	10	100	Coil
128-24006100	1-1/2	38.1	2	2.0	49.8	0.71	1.06	100	7	100	Coil
128-32006100	2	50.8	2	2.5	63.3	0.97	1.45	75	5	100	Coil

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

### ⚠️ 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 in the Media Compatibility section.



# 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.

- Tube:** Black PVC
- Reinforcement:** Multiple textile plies
- Cover:** Opaque green or green tint PVC
- 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 in the Media Compatibility section.
- Brand Method:** **Series 160:** Black ink  
**Series 161:** Not branded
- Brand Example:** **Series 160:** NEXAQUA BY PARKER NEXGEN (P/N) (ID) X (OD) MAX WP XXX PSI AT 68°F (20°C)
- Industry Standards:** None applicable
- Applications:**
  - Mild chemicals, water
  - Golf courses, greenhouses, municipal parks
  - Commercial lawn and garden, contractors, general industrial
- Vacuum:** Not recommended

### Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at [www.parker.com/crimpsource](http://www.parker.com/crimpsource). Refer to the COS-K4 crimper for crimp specs for hose 4" ID and smaller. Refer to the COS-K6 or COS-K10 crimpers for hose IDs larger than 4".

### Series 160 – NEXAQUA GRN, Opaque Green Cover

# Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kg)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Nom Std Pack Qty (ft)	Pkg Type
160-08005300	1/2	12.7	2	0.7	17.8	32.00	14.51	150	10	300	Coil
160-10005300	5/8	15.9	2	0.8	21.0	39.00	17.69	125	9	300	Coil

Factory assemblies available. Contact Parker.

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

### Series 161 – NEXAQUA CLR, Green Tint Cover

# Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kg)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Nom Std Pack Qty (ft)	Pkg Type
161-12005300	3/4	19.1	2	1.0	25.4	59.00	27.00	100	7	300	Coil
161-16005200	1	25.4	2	1.3	33.0	62.00	28.12	100	7	200	Coil

Factory assemblies available. Contact Parker.

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

### ⚠️ 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 in the Media Compatibility section.





## 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. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
<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

# Part Number	⊙		⊙		⚖		↷		⌚		U	⏏	📦
	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Vacuum Hg (in)	Nom Std Pack Qty (ft)	Pkg Type
7560-750	3/4	19.1	1.0	25.4	0.20	0.30	4	89	120	8	22	100	Coil
7560-1000	1	25.4	1.2	31.5	0.25	0.37	5	114	120	8	22	100	Coil
7560-1250	1-1/4	31.8	1.5	38.9	0.32	0.48	6	145	120	8	22	100	Coil
7560-1500	1-1/2	38.1	1.8	45.2	0.39	0.58	7	170	100	7	22	100	Coil
7560-2000	2	50.8	2.3	58.9	0.57	0.85	9	229	95	7	22	100	Coil
7560-2500	2-1/2	63.5	2.8	71.4	0.80	1.19	11	279	75	5	22	100	Coil
7560-3000	3	76.2	3.4	87.1	1.05	1.56	14	356	65	5	22	100	Coil
7560-4000	4	101.6	4.5	113.0	1.64	2.44	18	457	55	4	22	100	Coil
7560-6000	6	152.4	6.6	167.6	3.08	4.59	30	762	40	3	22	100	Coil

### ⚠ 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 in the Media Compatibility section.



# DYNAFLEX™

## Clear PVC Corrugated Suction Hose

### Series 7563



Series 7563 is a flexible, lightweight, phthalate-free 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.

- Tube:** Clear/blue tint PVC; smooth finish
- Reinforcement:** Clear PVC helix
- Cover:** Clear/blue tint PVC, corrugated finish; counterclockwise orientation
- Temp. Range:** -5°F to +170°F (-20°C to +76°C)  
Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
- Brand Method:** Not branded
- Design Factor:** 3:1
- Industry Standards:** FDA Compliant
- 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:** ContiTech Nutriflex; Gates 201 CR; Jason 4660; Kanaflex 200 SFG; Kuriyama WT; Pacific Echo 145; Petzetakis 12426SE; Superflex 9000

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Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Vacuum Hg (in)	Nom Std Pack Qty (ft)	Pkg Type
7563-750	3/4	19.1	1.0	24.6	0.10	0.15	2	38	55	4	Full	100	Coil
7563-1000	1	25.4	1.2	30.2	0.13	0.19	2	43	55	4	Full	100	Coil
7563-1250	1-1/4	31.8	1.5	37.6	0.17	0.25	2	48	55	4	Full	100	Coil
7563-1500	1-1/2	38.1	1.8	45.5	0.26	0.39	2	53	50	4	Full	100	Coil
7563-2000	2	50.8	2.3	58.9	0.38	0.57	4	109	50	4	Full	100	Coil
7563-2500	2-1/2	63.5	2.9	72.9	0.51	0.76	7	178	45	3	Full	100	Coil
7563-3000	3	76.2	3.4	87.4	0.81	1.21	9	224	45	3	Full	100	Coil

**⚠ 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 in the Media Compatibility section.



# DYNAFLEX™ PVC Suction Hose

## 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 in the Media Compatibility section.

**Brand Method:** Not branded  
**Design Factor:** 3:1  
**Industry Standards:** FDA Compliant

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

# Part Number	ID (in)	ID (mm)	Reinf Layers	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Vacuum Hg (in)	Nom Std Pack Qty (ft)	Pkg Type
7564-500	1/2	12.7	n/a	0.8	19.1	0.12	0.18	3	64	120	8	28	100	Coil
7564-750	3/4	19.1	n/a	1.0	25.4	0.20	0.30	3	76	90	6	28	100	Coil
7564-1000	1	25.4	n/a	1.2	31.0	0.26	0.39	4	102	90	6	28	100	Coil
7564-1250	1-1/4	31.8	n/a	1.5	38.9	0.37	0.55	5	127	80	6	28	100	Coil
7564-1500	1-1/2	38.1	n/a	1.8	46.0	0.44	0.66	6	152	75	5	28	100	Coil
7564-2000	2	50.8	n/a	2.3	59.4	0.67	1.00	8	203	75	5	28	100	Coil
7564-2500	2-1/2	63.5	n/a	2.9	72.4	0.90	1.34	10	254	75	5	28	100	Coil
7564-3000	3	76.2	n/a	3.5	87.6	1.14	1.70	12	305	65	5	28	100	Coil
7564-4000	4	101.6	n/a	4.5	114.3	1.81	2.70	16	406	55	4	28	100	Coil
7564-6000	6	152.4	n/a	6.7	168.9	3.36	5.01	24	610	35	2	28	100	Coil

**⚠ 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 in the Media Compatibility section.



# DYNAFLEX™ PVC Suction Hose

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.

- Tube:** Green tint PVC; smooth finish
- Reinforcement:** Wire helix
- Cover:** Green tint PVC; smooth
- Temp. Range:** +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. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
- Brand Method:** Not branded
- Design Factor:** 3:1
- Industry Standards:** FDA Compliant
- 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:** ContiTech Nutriflex Static Wire; Gates 202SW; Kuriyama 7160; Pacific Echo W145; Petzetakis 17009

# Part Number	ID (in)	ID (mm)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Min Bend Rad (in)	Min Bend Rad (mm)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Vacuum Hg (in)	Nom Std Pack Qty (ft)	Pkg Type
7570-380	3/8												
7570-500	1/2												
7570-750	3/4	15.9	1.0	25.9	0.22	0.33	3	76	73	5	24	100	Coil
7570-1000	1	25.4	1.3	33.0	0.35	0.52	4	102	73	5	24	100	Coil
7570-1250	1-1/4	31.8	1.6	40.4	0.44	0.66	5	127	58	4	24	100	Coil
7570-1500	1-1/2	38.1	1.9	47.0	0.54	0.80	6	152	58	4	24	100	Coil
7570-2000	2	50.8	2.4	61.7	0.89	1.33	8	203	50	3	24	100	Coil
7570-2500	2-1/2	63.5	2.9	73.9	1.21	1.80	10	254	45	3	24	100	Coil
7570-3000	3	76.2	3.5	89.7	1.54	2.29	12	305	37	3	24	100	Coil
7570-4000	4	101.6	4.6	117.1	2.48	3.70	16	406	22	2	24	100	Coil
7570-6000	6	152.4	6.7	170.4	4.44	6.62	24	610	15	1	24	100	Coil

### ⚠️ 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 in the Media Compatibility section.



# 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.

- Tube:** Black PVC (not oil resistant)
- Reinforcement:** Multiple textile plies
- Cover:** Blue PVC
- Temp. Range:** -5°F to +170°F (-20°C to +76°C)  
Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
- Brand Method:** White ink
- Brand Example:** PARKER SERIES 7541 GULLY WASHER (ID) XXX PSI WP
- Design Factor:** 3:1
- Industry Standards:** None applicable
- Applications:**
  - Mild chemicals, water
  - Agriculture, construction, general industrial, mining
- Vacuum:** Not recommended
- Compare to:** ContiTech Spiralflex; Gates Master-Flex 500; Kanaflex 4501, 4502; Kuriyama NuFlo, VinylFlow; Petzetakis 11252; Sun-Flow SF-10; Superflex DH

#												
Part Number	ID (in)	ID (mm)	Reinf Layers	Wall Thickness (in)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Max WP (psi) @ 68°F	Max WP (bar) @ 20°C	Nom Std Pack Qty (ft)	Pkg Type
7541-1501	1-1/2	38.1	3	0.055	1.6	40.7	0.14	0.21	70	5	300	Coil
7541-2001	2	50.8	3	0.055	2.1	53.4	0.18	0.27	70	5	300	Coil
7541-2501	2-1/2	63.5	3	0.059	2.6	66.2	0.24	0.36	60	4	300	Coil
7541-3001	3	76.2	3	0.059	3.1	79.0	0.30	0.45	60	4	300	Coil
7541-4001	4	101.6	3	0.059	4.1	104.6	0.36	0.54	60	4	300	Coil
7541-6001	6	152.4	3	0.071	6.1	156.0	0.71	1.06	45	3	300	Coil
7541-8001	8	204.0	3	0.083	8.1	206.8	1.28	1.91	45	3	300	Coil

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

**⚠ 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 in the Media Compatibility section.



# GULLY WASHER®

## Medium Duty Lay Flat PVC Water Discharge Hose

### 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.

- Tube:** Black PVC (not oil resistant)
- Reinforcement:** Multiple textile plies
- Cover:** Red PVC
- Temp. Range:** -5°F to +170°F (-20°C to +76°C)  
Working pressures are at +68°F (+20°C). Higher temperatures reduce the available working pressure. See the PVC and Thermoplastic Temperature/Pressure chart in the Media Compatibility section.
- Brand Method:** White ink
- Brand Example:** PARKER SERIES 7542 GULLY WASHER (ID) XXX PSI WP FLAME RESISTANT US MSHA IC-257/0
- Design Factor:** 3:1
- Industry Standards:** MSHA
- Applications:**
  - Mild chemicals, water
  - Agriculture, construction, general industrial, mining
- Vacuum:** Not recommended
- Compare to:** Jason 4510; Kuriyama Ironsides; Petzetakis 11298; Sun-Flow SF-30, SF-50

#												
Part Number	ID (in)	ID (mm)	Reinf Layers	Wall Thickness (in)	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/m)	Max WP @ 68°F (psi)	Max WP @ 20°C (bar)	Nom Std Pack Qty (ft)	Pkg Type
7542-1501	1-1/2	38.1	3	0.075	1.7	42.1	0.23	0.34	150	10	300	Coil
7542-2001	2	50.8	3	0.079	2.2	55.0	0.30	0.45	150	10	300	Coil
7542-2501	2-1/2	63.5	3	0.083	2.7	68.1	0.37	0.55	150	10	300	Coil
7542-3001	3	76.2	3	0.091	3.2	80.8	0.46	0.69	150	10	300	Coil
7542-4001	4	101.6	3	0.098	4.2	106.8	0.66	0.98	140	10	300	Coil
7542-6001	6	152.4	3	0.106	6.2	158.2	1.02	1.52	100	7	300	Coil
7542-8001	8	203.2	3	0.118	8.2	209.3	1.51	2.25	80	6	300	Coil

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

**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 in the Media Compatibility section.



## 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.

**Material:** Black or white linear low density polyethylene (LLDPE)

**Temp. Range:** -50°F to +140°F (-45°C to +60°C)

**Brand Method:** Not branded

**Industry Standards:** None applicable

**Applications:**

- Hose and tubing bundling, wire harness
- Resin infusion (manufacturing with fiberglass injection)
- Assembly lines, fabrication shops, general industrial, manufacturing

### Series 475 – NEXWRAP Natural (White)

# Part Number	⊙		⊙←		Recommended Harness Diameter		Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kg)	Nom Std Pack Qty (ft)	Pkg Type
	OD (in)	OD (mm)	Wall (in)	Wall (mm)	Min (in)	Max (in)				
475-06000704	3/8	9.5	0.062	1.6	3/16	1	24.00	10.88	1000	Spool
475-08000504	1/2	12.7	0.062	1.6	5/16	1-1/2	18.00	8.16	500	Spool
475-12000501	3/4	19.1	0.062	1.6	1/2	1-1/2	36.00	16.33	500	Spool
475-16000401	1	25.4	0.125	3.2	3/4	2	56.00	25.40	400	Spool

**⚠ WARNING:** This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

### Series 475 – NEXWRAP (Black)

# Part Number	⊙		⊙←		Recommended Harness Diameter		Approx Wt Per Pkg (lbs)	Approx Wt Per Pkg (kg)	Nom Std Pack Qty (ft)	Pkg Type
	OD (in)	OD (mm)	Wall (in)	Wall (mm)	Min (in)	Max (in)				
475-06008704	3/8	9.5	0.062	1.6	3/16	1	24.00	10.89	1000	Spool
475-08008504	1/2	12.7	0.062	1.6	5/16	1-1/2	18.00	8.16	500	Spool
475-12008501	3/4	19.1	0.062	1.6	1/2	1-1/2	36.00	16.33	500	Spool
475-16008401	1	25.4	0.125	3.2	3/4	2	56.00	25.40	400	Spool

**⚠ WARNING:** This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer. For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov).

NOTES:

Lined area for notes.