



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 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.

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