PARAGON



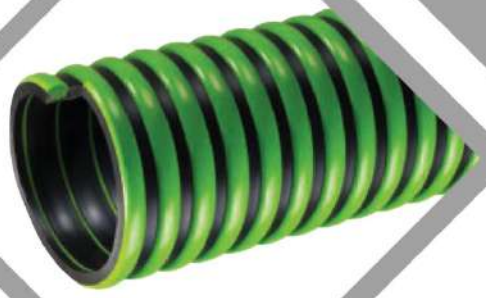


WATER HOSE

Premium Water Garden Hose
Premium General Purpose Hose
Premium Heavy Duty PVC Water Discharge Hose
EPDM Water Suction & Discharge Hose



PVC Green & Blue Water Suction Hose
Beverages & Drinking Water Hose





MAGNIFAX
Tel:(647) 622-2445
sales@magnifax.ca
www.magnifax.ca

Water Suction & Discharge Hose 150 PSI

Rubber water suction and discharge hose for irrigation, dewatering and industrial wastewater — 150 PSI

Application:
Rubber suction and discharge hose for water and non-corrosive fluids. For irrigation systems, agricultural vehicles, construction dewatering and industrial wastewater.

Tube:
Black smooth rubber

Reinforcement:
High tensile textile plies and steel helix wire

Cover:
Black, smooth finish rubber, weather and abrasion resistant with fabric impression

Size range:
¾" – 12" (19 mm – 305 mm)

Working pressure:
150 PSI

Temperature:
−40°F to +176°F (−40°C to +80°C)

Best for:
Irrigation, agricultural vehicles, construction dewatering and industrial wastewater

Marking:
PARAGON





PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		VACUUM	BEND RADIUS		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	in.Hg	in	mm	lb/ft	kg/m	ft	m
RWSH-075-150	¾"	19	1.14	29	150	10	450	31	28	3.75	95	0.3	0.45	200	61
RWSH-100-150	1"	25	1.38	35	150	10	450	31	28	4.9	124	0.44	0.65	200	61
RWSH-125-150	1¼"	32	1.65	42	150	10	450	31	28	6.3	160	0.54	0.8	200	61
RWSH-150-150	1½"	38	1.89	48	150	10	450	31	28	7.5	190	0.64	0.95	200	61
RWSH-200-150	2"	51	2.4	61	150	10	450	31	28	10.1	257	0.84	1.25	200	61
RWSH-250-150	2½"	64	2.91	74	150	10	450	31	28	12.4	315	1.11	1.65	200	61
RWSH-300-150	3"	76	3.46	88	150	10	450	31	28	14.85	377	1.48	2.2	200	61
RWSH-400-150	4"	102	4.49	114	150	10	450	31	28	19.5	495	1.98	2.95	200	61
RWSH-500-150	5"	127	5.63	143	150	10	450	31	28	24.5	622	3.29	4.9	100	30.5
RWSH-600-150	6"	152	6.61	168	150	10	450	31	28	30.2	767	4.37	6.5	100	30.5
RWSH-800-150	8"	203	8.86	225	150	10	450	31	28	40	1016	8.06	11.99	100	30.5
RWSH-1000-150	10"	254	10.98	279	150	10	450	31	28	50	1270	11.76	17.5	100	30.5
RWSH-1200-150	12"	305	13.03	331	150	10	450	31	28	60	1524	15.46	23.01	100	30.5

To order a cut length, add it in feet to the part number: RWSH-250-150-100 is a 2½″ × 100′ length.

Hose assemblies with Bauer couplings are available on request.

Premium Heavy-Duty PVC Water Discharge Hose

Heavy-duty PVC layflat discharge hose for mining, dewatering and construction water

Application:
Heavy-duty PVC layflat discharge hose for agriculture, construction, industrial projects, mining and dewatering. Working pressures are rated at 60 °F (16 °C).

Tube:
Durable PVC with good abrasion, chemical and UV resistance

Reinforcement:
High-performance reinforcement designed for higher pressure

Cover:
Durable PVC with good abrasion, chemical and UV resistance

Size range:
1½" – 10" (38 mm – 254 mm)

Working pressure:
65–150 PSI by size, rated at 60 °F

Temperature:
−5°F to +170°F (−20°C to +76°C)

Best for:
Agriculture, construction, industrial projects, mining and dewatering

Marking:
PARAGON



PART NUMBER	ID		WORKING PRESSURE		WALL		WEIGHT		COIL LENGTH	
	in	mm	PSI	bar	in	mm	lb/ft	kg/m	ft	m
BRFW-150-150-300	1½"	38	150	10	0.087	2.2	0.23	0.34	300	91.4
BRFW-200-150-300	2"	51	150	10	0.091	2.3	0.32	0.48	300	91.4
BRFW-250-150-300	2½"	64	150	10	0.095	2.4	0.41	0.61	300	91.4
BRFW-300-150-300	3"	76	150	10	0.098	2.5	0.52	0.77	300	91.4
BRFW-400-125-300	4"	102	125	9	0.11	2.8	0.76	1.13	300	91.4
BRFW-600-115-300	6"	152	115	8	0.118	3	1.21	1.8	300	91.4
BRFW-800-70-300	8"	203	70	5	0.122	3.1	1.62	2.41	300	91.4
BRFW-1000-65-300	10"	254	65	4	0.122	3.1	1.95	2.9	300	91.4

Working pressures are rated at 60 °F (16 °C).

Beverage & Potable Water Suction & Discharge Hose

Food suction and delivery hose for milk and dairy, alcoholic drinks with low alcoholic content, drinking water, fruit — 150 PSI

Application:
Food-grade suction and delivery hose for milk and dairy, light alcoholic beverages, drinking water, fruit juices and oily or fatty foodstuffs. Meets FDA and 3-A sanitary standards, BfR XXI cat. 2, REG CE 1935/04 and 2023/06, DM 21/3/73. Can be sterilised at +266 °F (130 °C) for up to 30 minutes.

Tube:
White, smooth, mirror-like, odorless and taste free NBR rubber

Reinforcement:
High tensile textile plies with steel helix wire

Cover:
Blue or grey color, resistant to vegetable fats, abrasion, ozone and weather conditions

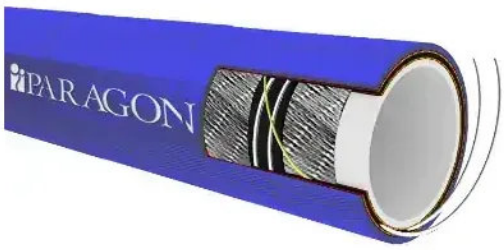
Size range:
¾" – 4" (19 mm – 102 mm)

Working pressure:
150 PSI

Temperature:
−31°F to +194°F (−35°C to +90°C)

Best for:
Milk and dairy, light alcoholic beverages, drinking water, fruit juices, oily and fatty foodstuffs

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		VACUUM	BEND RADIUS		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	in.Hg	in	mm	lb/ft	kg/m	ft	m
BWSH-075-150	¾"	19	1.22	31	150	10	450	31	26.93	1.77	45	0.42	0.63	200	61
BWSH-100-150	1"	25	1.45	37	150	10	450	31	26.93	2.16	55	0.52	0.77	200	61
BWSH-125-150	1¼"	32	1.73	44	150	10	450	31	26.93	2.75	70	0.62	0.92	200	61
BWSH-150-150	1½"	38	2.05	52	150	10	450	31	26.93	3.15	80	0.88	1.31	200	61
BWSH-200-150	2"	51	2.56	65	150	10	450	31	26.93	4.33	110	1.24	1.85	200	61
BWSH-250-150	2½"	64	3.11	79	150	10	450	31	26.93	5.51	140	1.67	2.49	200	61
BWSH-300-150	3"	76	3.62	92	150	10	450	31	26.93	6.69	170	1.9	2.83	200	61
BWSH-400-150	4"	102	4.8	122	150	10	450	31	26.93	8.66	220	3.28	4.88	200	61

Resists a tensile load of 880 lb with a diameter shrink of 3.5 %.

Low Temperature PVC Water Suction & Discharge Hose

High flexible hose in sub-zero temperature, use for construction pump

Application:
Highly flexible suction hose for sub-zero temperatures: construction pumps, septic-tank and marine pumps, rental fleets and dewatering. Resistant to some chemicals, mild acids and wastewater. A special PVC compound keeps it flexible in the cold.

Tube:
Smooth clear extra soft PVC

Reinforcement:
Blue rigid PVC helix

Cover:
Clear abrasion and weather resistant extra soft PVC

Size range:
¾" – 6" (19 mm – 152 mm)

Working pressure:
35–90 PSI by size

Temperature:
−40°F to +150°F (−40°C to +65°C)

Best for:
Construction, septic-tank and marine pumps; rental and dewatering

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		VACUUM	BEND RADIUS		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	in.Hg	in	mm	lb/ft	kg/m	ft	m
BPWH-075	¾"	19	0.95	24	90	6	29	3	76	0.16	0.24	100	30.5
BPWH-100	1"	25	1.24	31	85	6	29	3	76	0.26	0.39	100	30.5
BPWH-125	1¼"	32	1.54	39	80	6	29	4	102	0.34	0.51	100	30.5
BPWH-150	1½"	38	1.81	46	70	5	29	5	127	0.44	0.65	100	30.5
BPWH-200	2"	51	2.39	61	70	5	29	7	178	0.75	1.12	100	30.5
BPWH-250	2½"	64	2.94	75	70	5	29	8	203	1.02	1.52	100	30.5
BPWH-300	3"	76	3.43	87	65	4	29	10	254	1.21	1.8	100	30.5
BPWH-400	4"	102	4.54	115	50	3	29	14	356	2.02	3.01	100	30.5
BPWH-600	6"	152	6.67	169	35	2	28	23	584	3.7	5.51	100	30.5

Orange PVC Water Suction & Discharge Hose

Application:
X Line PVC water suction and discharge hose for heavy-duty work that needs vacuum and higher working pressure together. Smooth bore with a corrugated outside.

Tube:
Flexible PVC, smooth bore

Reinforcement:
Rigid PVC helix and synthetic braiding

Cover:
Corrugated PVC surface

Size range:
1½" – 8" (38 mm – 203 mm)

Working pressure:
60–110 PSI by size

Temperature:
−13°F to +140°F (−25°C to +60°C)

Best for:
Heavy-duty water suction and discharge needing vacuum and pressure

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		VACUUM	BEND RADIUS		WEIGHT		LENGTH
	in	mm	in	mm	PSI	bar	in.Hg	in	mm	lb/ft	kg/m	
OPSH-150	1½"	38	2.1	53	110	8	28	2.5	64	0.47	0.7	60, 100 ft
OPSH-200	2"	51	2.6	66	100	7	28	4	102	0.7	1.04	60, 100 ft
OPSH-300	3"	76	3.7	94	100	7	28	6.3	160	1.13	1.68	60, 100 ft
OPSH-400	4"	102	4.8	122	75	5	28	7.1	180	1.74	2.59	60, 100 ft
OPSH-500	5"	127	6.1	155	70	5	28	9.2	234	2.9	4.32	60, 100 ft
OPSH-600	6"	152	7.2	183	70	5	28	10.2	259	3.88	5.77	60, 100 ft
OPSH-800	8"	203	9.5	241	60	4	28	15.7	399	5.54	8.24	15, 20, 25, 40 ft

Premium General-Purpose Air & Water Hose

Flexible EPDM air and water hose for air tools, jackhammers and washdown — 250 PSI

Application:
Air and water hose with maximum flexibility for agriculture, marine and construction. For air tools, jackhammers, hot and cold washdown, low-pressure agricultural spray, vehicle repair and in-plant operations.

Tube:
Black EPDM rubber with limited oil resistance

Reinforcement:
High tensile synthetic yarn

Cover:
Red EPDM rubber, ozone and weather resistant

Size range:
¼" – 2" (6 mm – 51 mm)

Working pressure:
250 PSI

Temperature:
−40°F to +194°F (−40°C to +90°C)

Best for:
Air tools, jackhammers, hot and cold washdown, agricultural spray, vehicle repair

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	lb/ft	kg/m	ft	m
RGPH-025-250-LL	¼"	6	0.55	14	250	17	750	52	0.12	0.18	500	152.4
RGPH-037-250-LL	⅜"	10	0.67	17	250	17	750	52	0.17	0.25	500	152.4
RGPH-050-250-LL	½"	13	0.83	21	250	17	750	52	0.25	0.37	250	76.2
RGPH-075-250-LL	¾"	19	1.1	28	250	17	750	52	0.38	0.57	200	61
RGPH-100-250-LL	1"	25	1.46	37	250	17	750	52	0.51	0.76	200	61
RGPH-125-250-LL	1¼"	32	1.73	44	250	17	750	52	0.8	1.19	100	30.5
RGPH-150-250-LL	1½"	38	2.13	54	250	17	750	52	0.98	1.46	100	30.5
RGPH-200-250-LL	2"	51	2.6	66	250	17	750	52	1.15	1.71	100	30.5

To order a cut length, add it in feet to the part number: RGPH-050-250-100 is a ½″ × 100′ length.

EPDM Water Discharge Hose

Rubber water discharge hose for irrigation, dewatering and industrial wastewater — 150 PSI up to 12″; 14″–30″ rated 40 and 30 PSI

Application:
Rubber discharge hose for water and non-corrosive fluids. For irrigation systems, agricultural vehicles, construction dewatering and industrial wastewater.

Tube:
Black smooth EPDM rubber

Reinforcement:
High tensile textile plies

Cover:
Black smooth finish rubber with fabric impression, weather and abrasion resistant

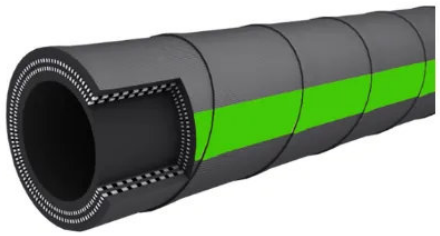
Size range:
2" – 30" (51 mm – 762 mm)

Working pressure:
30–150 PSI by size

Temperature:
−40°F to +176°F (−40°C to +80°C)

Best for:
Irrigation, agricultural vehicles, construction dewatering and industrial wastewater

Marking:
PARAGON







PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	lb/ft	kg/m	ft	m
RWDH-200-150	2"	51	2.24	57	150	10	450	31	0.38	0.57	200	61
RWDH-250-150	2½"	64	2.6	66	150	10	450	31	0.44	0.65	200	61
RWDH-300-150	3"	76	3.27	83	150	10	450	31	0.65	0.97	200	61
RWDH-400-150	4"	102	4.33	110	150	10	450	31	1.01	1.5	200	61
RWDH-500-150	5"	127	5.35	136	150	10	450	31	1.43	2.13	200	61
RWDH-600-150	6"	152	6.26	159	150	10	450	31	1.54	2.29	100	30.5
RWDH-800-150	8"	203	8.38	213	150	10	450	31	2.75	4.09	100	30.5
RWDH-1000-150	10"	254	10.39	264	150	10	450	31	3.28	4.88	100	30.5
RWDH-1200-150	12"	305	12.52	318	150	10	450	31	4.61	6.86	100	30.5
RWDH-1400-40	14"	356	14.63	372	40	3	120	8	—	—	33	10.1
RWDH-1600-40	16"	406	16.65	423	40	3	120	8	—	—	33	10.1
RWDH-1800-30	18"	457	18.71	475	30	2	90	6	—	—	33	10.1
RWDH-2000-30	20"	508	20.71	526	30	2	90	6	—	—	33	10.1
RWDH-2400-30	24"	610	24.96	634	30	2	90	6	—	—	20	6.1
RWDH-3000-30	30"	762	31.1	790	30	2	90	6	—	—	20	6.1

To order a cut length, add it in feet to the part number: RWDH-600-150-50′ is a 6″ × 50′ length.

Hose assemblies with Bauer and Camlock couplings are available on request.

14″–30″ sizes are rated 40 PSI (14″, 16″) and 30 PSI (18″–30″) working; weights for these sizes on request.

Flexible Layflat Water Discharge Hose

Borehole and pump-riser layflat supplied in a single continuous length — no joints

Application:
WELLMAN 300 flexible layflat riser hose for submersible pumps, supplied in one continuous length to the pump setting with no joints except at the pump and headworks. All-synthetic: polyurethane lining and cover resistant to hydrocarbon fuels, many chemicals, ozone, UV, abrasion and microbial attack; the textile reinforcement swells up to 15 % under pressure to cut friction loss. Working pressure is 50 % of burst (2:1) for non-hazardous, non-flammable liquids.

Tube:
High grade polyurethane lining

Reinforcement:
Woven synthetic textile, engineered to swell up to 15% under pressure

Cover:
Polyurethane, resistant to hydrocarbons, ozone, UV and microbial attack

Size range:
2" – 6" (51 mm – 152 mm)

Working pressure:
420–450 PSI

Temperature:
−40°F to +122°F (−40°C to +50°C)

Best for:
Groundwater abstraction (potable and brackish), desalination supply wells, food processing, irrigation, environmental monitoring, mine dewatering, land stabilisation, solar pumping, offshore fire-water and service pumps

Marking:
PARAGON



AS/NZS 4020
KTW-DVGW
NSF Certified to NSF/ANSI 61
WRAS APPROVED PRODUCT
PZH

PART NUMBER	ID		WORKING PRESSURE		BURST PRESSURE		WEIGHT		COIL LENGTH	
	in	mm	PSI	bar	PSI	bar	lb/ft	kg/m	ft	m
WWFB-200	2"	51	450	31	900	62	0.5	0.74	300	91.4
WWFB-300	3"	76	450	31	900	62	0.7	1.04	300	91.4
WWFB-400	4"	102	450	31	900	62	1.1	1.64	300	91.4
WWFB-500	5"	127	420	29	840	58	1.3	1.93	300	91.4
WWFB-600	6"	152	420	29	840	58	1.7	2.53	300	91.4

Working pressure is rated at a 2:1 safety factor for non-hazardous, non-flammable liquids only.

Flow at an 820 ft pump setting: 2″ 127 gpm (8 l/s) at 8 ft/s · 3″ 285 gpm (18 l/s) at 10 ft/s · 4″ 650 gpm (41 l/s) at 10 ft/s · 5″ 1,238 gpm (78 l/s) at 14 ft/s · 6″ 1,665 gpm (105 l/s) at 15 ft/s.

Premium PVC/Nitrile Discharge Hose

Seven sizes from 1½″ to 8″, rated 300 PSI at 1½″ down to 150 PSI from 4″ up, at 60 °F. −20 °F to +176 °F, in 200 ft (61 m) rolls.

Application:
Layflat discharge hose for agriculture, construction, industrial wash-down, mining and dewatering, irrigation, water-pump discharge and cable covering, with limited oil and chemical service.

Tube:
Black PVC/Nitrile (tube and cover extruded in one stage)

Reinforcement:
High-tensile polyester yarn

Cover:
Black PVC/Nitrile (tube and cover extruded in one stage)

Size range:
1½" – 8" (38 mm – 203 mm)

Working pressure:
150–300 PSI by size (rated at 60°F)

Temperature:
−20°F to +176°F (−29°C to +80°C)

Best for:
Water-pump discharge, mining and dewatering, irrigation, agriculture, construction, industrial wash-down, cable covering, limited oil and chemical service

Marking:
PARAGON



PART NUMBER	ID		WORKING PRESSURE		WALL		WEIGHT		COIL LENGTH	
	in	mm	PSI	bar	in	mm	lb/ft	kg/m	ft	m
BKFW-150-300-200	1½"	38	300	21	0.07	1.8	0.2	0.3	200	61
BKFW-200-220-200	2"	51	220	15	0.07	1.8	0.27	0.4	200	61
BKFW-250-200-200	2½"	64	200	14	0.09	2.3	0.38	0.57	200	61
BKFW-300-175-200	3"	76	175	12	0.09	2.3	0.48	0.71	200	61
BKFW-400-150-200	4"	102	150	10	0.09	2.3	0.71	1.06	200	61
BKFW-600-150-200	6"	152	150	10	0.12	3	1.08	1.61	200	61
BKFW-800-150-200	8"	203	150	10	0.13	3.3	1.85	2.75	200	61

Longer lengths available on request.

Green PVC Water Suction & Discharge Hose

Economical clear-PVC suction hose for irrigation, liquid fertilizer and air-seeder lines

Application:
Economical, flexible clear-PVC suction hose for agricultural liquid fertilizer, air-seeder lines, irrigation and general water suction and discharge. Resistant to some chemicals and light acids.

Tube:
Smooth clear PVC

Reinforcement:
Green rigid PVC helix

Cover:
Clear abrasion and weather resistant PVC

Size range:
¾" – 8" (19 mm – 203 mm)

Working pressure:
25–90 PSI by size

Temperature:
−5°F to +150°F (−20°C to +65°C)

Best for:
Liquid fertilizer, air-seeder lines, irrigation, water suction and discharge

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		VACUUM	BEND RADIUS		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	in.Hg	in	mm	lb/ft	kg/m	ft	m
GPWH-075	¾"	19	0.95	24	90	6	29	3	76	0.16	0.24	100	30.5
GPWH-100	1"	25	1.24	31	85	6	29	3	76	0.26	0.39	100	30.5
GPWH-125	1¼"	32	1.54	39	80	6	29	4	102	0.34	0.51	100	30.5
GPWH-150	1½"	38	1.81	46	70	5	29	5	127	0.44	0.65	100	30.5
GPWH-200	2"	51	2.29	58	65	4	29	7	178	0.57	0.85	100	30.5
GPWH-250	2½"	64	2.85	72	60	4	29	8	203	0.87	1.29	100	30.5
GPWH-300	3"	76	3.43	87	60	4	29	10	254	1.21	1.8	100	30.5
GPWH-400	4"	102	4.45	113	50	3	29	14	356	1.78	2.65	100	30.5
GPWH-600	6"	152	6.67	169	35	2	28	23	584	3.7	5.51	100	30.5
GPWH-800	8"	203	8.82	224	25	2	28	30	762	6.7	9.97	20	6.1

PVC Layflat Water Discharge Hose

Light and economical lay flat hose which is easy to roll up and pack for storage after use

Application:
Light, economical lay-flat hose that rolls up and packs away after use. Suited to drip irrigation; it does not tear after punching. Working pressures are rated at 60 °F (16 °C).

Tube:
Durable Polyvinyl Chloride PVC material

Reinforcement:
High strength polyester yarn spiral wrap

Cover:
Durable Polyvinyl Chloride PVC material

Size range:
1" – 10" (25 mm – 254 mm)

Working pressure:
45–110 PSI by size, rated at 60 °F

Temperature:
−5°F to +170°F (−20°C to +76°C)

Best for:
Drip irrigation and light-duty water discharge

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	lb/ft	kg/m	ft	m
BLFW-100-110-300	1"	25	1.13	29	110	8	0.11	0.16	300	91.4
BLFW-125-080-300	1¼"	32	1.38	35	80	6	0.13	0.19	300	91.4
BLFW-150-080-300	1½"	38	1.63	41	80	6	0.16	0.24	300	91.4
BLFW-200-070-300	2"	51	2.13	54	70	5	0.23	0.34	300	91.4
BLFW-250-070-300	2½"	64	2.66	68	70	5	0.29	0.43	300	91.4
BLFW-300-065-300	3"	76	3.16	80	65	4	0.39	0.58	300	91.4
BLFW-400-060-300	4"	102	4.17	106	60	4	0.52	0.77	300	91.4
BLFW-500-060-300	5"	127	5.17	131	60	4	0.68	1.01	300	91.4
BLFW-600-060-300	6"	152	6.17	157	60	4	0.86	1.28	300	91.4
BLFW-800-045-300	8"	203	8.21	209	45	3	1.3	1.93	300	91.4
BLFW-1000-045-300	10"	254	10.24	260	45	3	1.81	2.69	300	91.4

Working pressures are rated at 60 °F (16 °C).

Available with C/E camlock couplings on request.

mandals

PARAGON

WATER HOSE

Water Lay Flat Hose

AQUAMAN

Features:

Approved for transfer of potable water.
Transfer large volumes of liquid with high working pressures. Lightweight and easy to deploy.
Premium abrasion resistance.
Minimum extension in length and snaking when in use.

Advantages:

Designed, tested and certified for transfer of potable water. Excellent abrasion resistance of the TPU material enables the use of very thin and lightweight hoses with large diameters to be quickly and easily deployed.
Can be delivered in long length (>200m) for sizes up to 6" (152)

Design:

Manda ls Aqua man is made from extruded thermoplastic polyether based polyurethane (TPU).
Reinforcement made from circular woven filament polyester yarn. The extrusion through the weave production method gives a very strong bonding between cover and lining as well as firmly encapsulating the woven polyester.

- Mandals Aquaman (TPUJ can be used as an emergency bypass or even as a permanent alternative for supply of drinking water. This hose is also used in the ship service sector, and even for festivals and other temporary events.

Drinking water supply has become a major challenge worldwide. Aquaman has been designed to provide the most efficient, economical and easy to install transporta-tion system for drinking water. Lay-flat hoses are the best option for water transfer when it comes to flexibility, low volume and easy han-dling and deployment.



PART NO.	Inner Diameter		Wall Thickness		Tensile Strength		Burst Pressure		Weight		Max. L
	Inch	Mm	Inch	mm	x1000 lbs	Tons	Psi	Bar	Lb/Ft	Kg/m	ft
WAFB-100	1	25	0.07	1.9	3.3	1.5	725	50	0.13	0.20	300
WAFB-150	1 ½	38	0.08	2.1	5.8	2.6	655	45	0.20	0.30	300
WAFB-200	2	51	0.09	2.2	7.6	3.4	655	45	0.29	0.44	300
WAFB-250	2 ½	63	0.09	2.3	9.1	4.1	610	42	0.36	0.58	300
WAFB-300	3	76	0.09	2.4	10.7	4.8	610	42	0.47	0.75	300
WAFB-400	4	102	0.12	3.0	23.1	10.4	520	36	0.72	1.07	300
WAFB-500	5	127	0.12	3.0	26.9	12.1	435	30	0.99	1.48	300
WAFB-600	6	152	0.12	3.0	33.3	15.0	435	30	1.15	1.72	300
WAFB-800	8	203	0.13	3.2	43.8	19.7	380	26	1.53	2.30	300
WAFB-1000	10	254	0.13	3.3	65.8	29.6	305	21	2.05	3.08	300
WAFB-1200	12	305	0.13	3.4	83.1	37.4	220	15	2.53	3.80	300





NOTE: Safety BP/WP is 2:1 (50%). For all non-hazard and/or non-flammable liquids.

MAGNIFAX
Industrial & Hydraulic Hoses
Accessories & Hose Fittings

Single/Double Jacket Mill Discharge Hose 250 PSI

Used in open ended water discharge, wash down, and construction pump applications only — 250 PSI

Application:
Single- and double-jacket mill hose for open-ended water discharge, washdown and construction-pump service only. Not intended for firefighting. Supplied with expansion-ring NST (NH) fittings; assemblies available with aluminum camlocks.

Tube:
Nitrile rubber lining

Reinforcement:
100 % virgin high-tenacity polyester jacket: single to 2¾″, double from 3″ up

Cover:
White polyester jacket, standard wall

Size range:
1½" – 6" (38 mm – 152 mm)

Working pressure:
250 PSI

Best for:
Open-ended water discharge, washdown and construction pumps; not for firefighting

Marking:
PARAGON



PART NUMBER	ID		WORKING PRESSURE		BURST PRESSURE		COIL LENGTH	
	in	mm	PSI	bar	PSI	bar	ft	m
SJMH-150-250-LL	1½"	38	250	17	750	52	100	30.5
SJMH-175-250-LL	1¾"	44	250	17	750	52	100	30.5
SJMH-200-250-LL	2"	51	250	17	750	52	100	30.5
SJMH-250-250-LL	2½"	64	250	17	750	52	100	30.5
SJMH-275-250-LL	2¾"	70	250	17	750	52	100	30.5
SJMH-300-250-LL	3"	76	250	17	750	52	100	30.5
SJMH-400-250-LL	4"	102	250	17	750	52	100	30.5
SJMH-600-250-LL	6"	152	250	17	750	52	100	30.5

3″, 4″ and 6″ are double-jacket; 1½″ to 2¾″ are single-jacket.

Whip-check cable recommended for safety.

To order a cut length, add it in feet to the part number: SJMH-200-250-50 is a 2″ × 50′ length.

EPDM Water Suction & Discharge Hose

Nine sizes from 1″ to 6″, rated 60 PSI at 1″ down to 23 PSI at 6″. Full vacuum: 29.8 in.Hg to 4″, 28 in.Hg above. −40 °F to +176 °F, in 100 ft (30 m) coils.

Application:
Heavy-duty EPDM liquid suction hose for industrial and agricultural water, cesspool cleaning, slurry and sludge handling, light chemicals, dry materials and marine use.

Tube:
Black smooth EPDM rubber

Reinforcement:
High polymerization helix

Cover:
Green corrugated helix

Size range:
1" – 6" (25 mm – 152 mm)

Working pressure:
23–60 PSI by size

Temperature:
-40°F/+176°F (-40°C/+80°C)

Best for:
Industrial and agricultural water, cesspool cleaning, slurry and sludge handling, light chemicals, dry materials, marine use

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		VACUUM	BEND RADIUS		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	in.Hg	in	mm	lb/ft	kg/m	ft	m
PE300-100	1"	25	1.38	35	60	4	29.8	2.2	56	0.23	0.34	100	30.5
PE300-125	1¼"	32	1.62	41	60	4	29.8	3	76	0.34	0.51	100	30.5
PE300-150	1½"	38	1.93	49	60	4	29.8	3.5	89	0.4	0.6	100	30.5
PE300-200	2"	51	2.5	64	60	4	29.8	5	127	0.66	0.98	100	30.5
PE300-250	2½"	64	3.1	79	50	3	29.8	5.5	140	0.93	1.38	100	30.5
PE300-300	3"	76	3.55	90	44	3	29.8	7.1	180	1.11	1.65	100	30.5
PE300-400	4"	102	4.6	117	38	3	29.8	11	279	1.85	2.75	100	30.5
PE300-500	5"	127	5.75	146	28	2	28	16.5	419	2.15	3.2	100	30.5
PE300-600	6"	152	6.8	173	23	2	28	20	508	3.07	4.57	100	30.5

Blue Composite Suction & Discharge Hose

Lightweight flanged composite hose for petroleum, water, light chemicals and waste water, rated for full vacuum

Application:
Lightweight composite hose for the suction and discharge of petroleum, water, light chemicals and waste water. Light enough to manoeuvre easily and extremely flexible, with excellent conductivity.

Tube:
Polypropylene inner layer

Reinforcement:
Galvanized inner and outer wire helices, with reinforced fabric and sealing film between the layers

Cover:
PVC (polyvinylchloride) outer layer

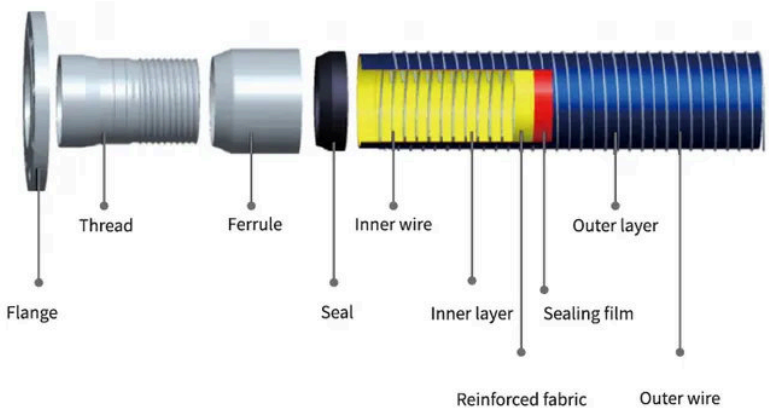
Size range:
4" – 12" (102 mm – 305 mm)

Working pressure:
150–200 PSI by size

Temperature:
−22°F to +176°F (−30°C to +80°C)

Best for:
Petroleum, water, light chemicals and waste water, suction and discharge

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		VACUUM	BEND RADIUS		WEIGHT	
	in	mm	in	mm	PSI	bar	PSI	bar	in.Hg	in	mm	lb/ft	kg/m
CHWB-400-200	4"	102	4.4	112	200	14	800	55	28	14.2	361	2.7	4.02
CHWB-600-200	6"	152	6.75	171	200	14	800	55	28	22	559	7	10.42
CHWB-800-200	8"	203	9	229	200	14	800	55	28	30	762	10	14.88
CHWB-1000-200	10"	254	11.5	292	200	14	600	41	28	40	1016	13	19.35
CHWB-1200-150	12"	305	13.5	343	150	10	450	31	28	47	1194	15.5	23.07

Safety factor 4:1 (burst to working pressure).

Flanges crimped on each end: 150 lb, fixed × floating.

Premium Water Garden Hose

Utility air and water hose for construction and residential service — 200 PSI, long life and high flexibility

Application:
Utility hose for air and water service in construction and around the home, with long life and high flexibility.

Tube:
Black smooth rubber

Reinforcement:
High tensile textile plies

Cover:
Black smooth rubber, weather and abrasion resistant

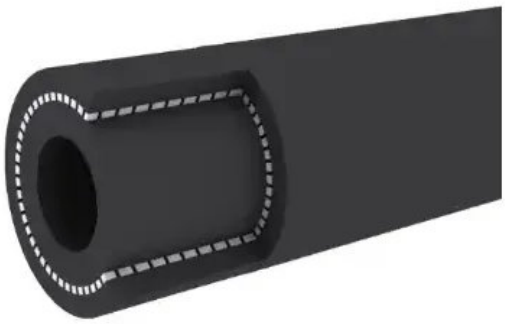
Size range:
½" – ¾" (13 mm – 19 mm)

Working pressure:
200 PSI

Temperature:
−31°F to +176°F (−35°C to +80°C)

Best for:
Air and water service on construction sites and at home

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	lb/ft	kg/m	ft	m
PGH-050-200	½"	13	0.79	20	200	14	600	41	0.2	0.3	500	152.4
PGH-062-200	⅝"	16	0.94	24	200	14	600	41	0.23	0.34	500	152.4
PGH-075-200	¾"	19	1.1	28	200	14	600	41	0.34	0.51	400	121.9

To order a cut length, add it in feet to the part number: PGH-075-200-100 is a ¾″ × 100′ length.

Single Jacket Firefighting & Mill Hose 150 PSI

Industrial firefighting and brigade hose, coupled with aluminium NH/NST couplings

Application:
Industrial firefighting and brigade hose, coupled with aluminium NH/NST couplings.

Tube:
Black EPDM rubber lining

Reinforcement:
100% virgin polyester single jacket

Cover:
Polyester jacket, brass expansion ring at each coupling

Size range:
1½" – 4" (38 mm – 102 mm)

Working pressure:
150 PSI

Temperature:
-20°F/+176°F (-29°C /+80°C)

Best for:
Industrial firefighting, fire hose for brigade, industrial water discharge

Marking:
PARAGON



PART NUMBER	ID		WORKING PRESSURE		BURST PRESSURE	
	in	mm	PSI	bar	PSI	bar
SJMH-150-150-ANH-LL	1½"	38	150	10	450	31
SJMH-200-150-ANH-LL	2"	51	150	10	450	31
SJMH-250-150-ANH-LL	2½"	64	150	10	450	31
SJMH-300-150-ANH-LL	3"	76	150	10	450	31
SJMH-400-150-ANH-LL	4"	102	150	10	450	31