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Accessories & Hose Fittings

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AIR HOSE

Contractor Air & Water Hose
Yellow Steel Wire Hose
Jackhammer Air Compressor Hose
Lay flat Compressed Air Hose







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

High Pressure Lay Flat Compressed Air Hose

Two sizes: 2″ rated 633 PSI and 3″ rated 435 PSI, with a 4:1 burst safety factor for compressed air. Lengths to 131 ft, rated to +230 °F.

Application:
Lightweight double-jacket TPU lay-flat hose for compressed air, with a high pressure rating for its wall thickness. It carries a 4:1 burst-to-working safety factor, the minimum ISO 7751:1991 sets for compressed air; the 2″ coupling is designed and approved by Atlas Copco, and a whipcheck cable is recommended.

Tube:
Thermoplastic polyurethane (TPU) lining, abrasion- and oil-resistant

Reinforcement:
High tensile polyester weaves, double jacket

Cover:
Thermoplastic polyurethane (TPU), abrasion- and oil-resistant

Size range:
2" – 3" (51 mm – 76 mm)

Working pressure:
435–633 PSI by size

Temperature:
Up to +230°F (+110°C)

Best for:
Compressed air service; 2″ coupling designed and approved by Atlas Copco

Marking:
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PART NUMBER	ID		WORKING PRESSURE		BURST PRESSURE		WALL		TENSILE		WEIGHT	
	in	mm	PSI	bar	PSI	bar	in	mm	klbs	t	lb/ft	kg/m
OLMH-200-633	2"	51	633	44	2535	175	0.17	4.3	31.7	14.4	0.55	0.82
OLMH-300-435	3"	76	435	30	1740	120	0.18	4.6	46.6	21.1	0.83	1.24

Note: minimum safety factor BP/WP is 4:1 (25%) for compressed air (ISO 7751:1991).

Coupling 2″ designed and approved by Atlas Copco.

Whipcheck cable recommended for safety.

Yellow Steel Wire Air Hose

Four sizes from 1½″ to 4″, rated 600 PSI at 1½″ and 2″ down to 450 PSI at 4″, with a 3:1 burst margin, in lengths to 200 ft, to −40 °F

Application:
Mandrel-built high-pressure air hose with steel-wire reinforcement, for heavy-duty service in mining, rock drilling and oil industries.

Tube:
Black Nitrile rubber blended for oil mist

Reinforcement:
High strength steel wire reinforced

Cover:
Yellow, smooth surface, fabric impression, weather and abrasion resistant

Size range:
1½" – 4" (38 mm – 102 mm)

Working pressure:
450–600 PSI by size

Temperature:
-40°F/+248°F (-40°C /+120°C)

Best for:
Mining, rock drilling and oil industries

Marking:
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PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		BEND RADIUS		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	in	mm	ft	m
YSAH-150-600	1½"	38	1.93	49	600	41	1800	124	18	457	200	61
YSAH-200-600	2"	51	2.6	66	600	41	1800	124	22	559	200	61
YSAH-300-525	3"	76	3.66	93	525	36	1575	109	33.1	841	200	61
YSAH-400-450	4"	102	4.72	120	450	31	1350	93	44	1118	200	61

Contractor Air & Water Hose 300 PSI

Ten sizes from ½″ to 4″, rated 300 PSI with a 3:1 burst margin and usable down to −31 °F

Application:
Mandrel-built heavy-duty hose for both compressed air and water, used on compressors, drilling equipment and standard pneumatic machines.

Tube:
Black smooth rubber

Reinforcement:
High tensile textile plies

Cover:
Yellow, smooth surface, fabric impression, weather and abrasion resistant

Size range:
1/2" – 4" (13 mm – 102 mm)

Working pressure:
300 PSI

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

Best for:
Compressors, drilling equipment, and standard pneumatics

Marking:
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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
CAYW-050-300	1/2"	13	0.91	23	300	21	900	62	0.24	0.36	200	61
CAYW-0625-300	5/8"	16	1.02	26	300	21	900	62	0.28	0.42	200	61
CAYW-075-300	3/4"	19	1.18	30	300	21	900	62	0.34	0.51	200	61
CAYW-100-300	1"	25	1.46	37	300	21	900	62	0.48	0.71	200	61
CAYW-125-300	1-1/4"	32	1.73	44	300	21	900	62	0.58	0.86	200	61
CAYW-150-300	1-1/2"	38	2.01	51	300	21	900	62	0.75	1.12	200	61
CAYW-200-300	2"	51	2.6	66	300	21	900	62	1.16	1.73	200	61
CAYW-250-300	2-1/2"	64	3.11	79	300	21	900	62	1.49	2.22	200	61
CAYW-300-300	3"	76	3.62	92	300	21	900	62	1.67	2.49	200	61
CAYW-400-300	4"	102	4.65	118	300	21	900	62	2.18	3.24	200	61

Jackhammer Air Compressor Hose

Three sizes from ½″ to 1″, 300 PSI working against 900 PSI burst, in 50 ft coils, to −31 °F

Application:
Designed for jackhammer and contractor use, and for wash-down in construction. The ¾″ and 1″ sizes are also available in 100 ft coils; the ½″ is supplied in 50 ft only.

Tube:
Black, oil-mist resistance smooth rubber

Reinforcement:
High tensile synthetic textile plies

Cover:
Yellow, smooth rubber, weather and abrasion resistant

Size range:
½" – 1" (13 mm – 25 mm)

Working pressure:
300 PSI

Temperature:
-31°F/+176°F (-35°C /+80°C)

Best for:
Jack hammer and contractor use, and wash down in construction

Marking:
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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
CAYS-050-300	½"	13	0.88	22	300	21	900	62	0.22	0.33	50	15.2
CAYS-075-300	¾"	19	1.15	29	300	21	900	62	0.37	0.55	50	15.2
CAYS-100-300	1"	25	1.42	36	300	21	900	62	0.5	0.74	50	15.2

Coupled assemblies

Supplied as a finished 50 ft assembly with universal couplings fitted.

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
CAYS-075-300-50'-UC	¾"	19	1.15	29	300	21	900	62	0.37	0.55	50	15.2
CAYS-100-300-50'-UC	1"	25	1.42	36	300	21	900	62	0.5	0.74	50	15.2

Contractor Extra Pressure Air & Water Hose 400 PSI

Ten sizes from ½″ to 4″, 400 PSI working against 1200 PSI burst, in 200 ft coils, to −31 °F

Application:
Mandrel-built heavy-duty air and water hose for compressors, drilling equipment and standard pneumatic machines.

Tube:
Black smooth rubber

Reinforcement:
High tensile textile plies

Cover:
Yellow, smooth surface, fabric impression, weather and abrasion resistant

Size range:
½" – 4" (13 mm – 102 mm)

Working pressure:
400 PSI

Temperature:
-31°F/+176°F (-35°C /+80°C)

Best for:
Compressors, drilling equipment, standard pneumatic machines; air and water service

Marking:
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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
CAYW-050-400	½"	13	0.91	23	400	28	1200	83	0.24	0.36	200	61
CAYW-0625-400	⅝"	16	1.02	26	400	28	1200	83	0.28	0.42	200	61
CAYW-075-400	¾"	19	1.18	30	400	28	1200	83	0.34	0.51	200	61
CAYW-100-400	1"	25	1.5	38	400	28	1200	83	0.48	0.71	200	61
CAYW-125-400	1¼"	32	1.81	46	400	28	1200	83	0.58	0.86	200	61
CAYW-150-400	1½"	38	2.05	52	400	28	1200	83	0.75	1.12	200	61
CAYW-200-400	2"	51	2.6	66	400	28	1200	83	1.16	1.73	200	61
CAYW-250-400	2½"	64	3.11	79	400	28	1200	83	1.49	2.22	200	61
CAYW-300-400	3"	76	3.7	94	400	28	1200	83	1.67	2.49	200	61
CAYW-400-400	4"	102	4.72	120	400	28	1200	83	2.18	3.24	200	61

High Temperature Compressed Air Hose

One size, 2″ ID, rated 1300 PSI working and 5200 PSI burst, a 4:1 safety factor. −40 °F to +300 °F, with peaks to +450 °F. Lengths to 100 ft.

Application:
High pressure steel wire braided compressed air hose for heavy-duty mine and quarry applications where maximum safety is a requirement. High durability is one of its main features.

Tube:
Black synthetic rubber, oil-mist and high-temperature resistant

Reinforcement:
Two high strength steel wire braids

Cover:
Blue EPDM, ozone and abrasion resistant

Size range:
2" (51 mm)

Working pressure:
1300 PSI

Temperature:
-40°F/+300°F (-40°C /+150°C), peaks +450°F

Best for:
Heavy-duty mine and quarry compressed air

Marking:
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PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		BEND RADIUS		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	in	mm	lb/ft	kg/m	ft	m
BHAH-200-1300	2"	51	2.64	67	1300	90	5200	359	24.8	630	1.93	2.87	100	30.5

Yellow Lay Flat Air Hose

Seven sizes from ¾″ to 6″, rated 300 PSI at ¾″ down to 85 PSI at 6″, with a 3:1 burst margin, in 300 ft coils, to −20 °F

Application:
PVC/nitrile lay-flat hose for air compressors, irrigation, drainage and mine dewatering.

Tube:
Yellow PVC/Nitrile material with a good abrasion, chemical and UV resistance

Reinforcement:
High tensile polyester yarn, weave pattern to avoid kinking and snaking

Cover:
Yellow

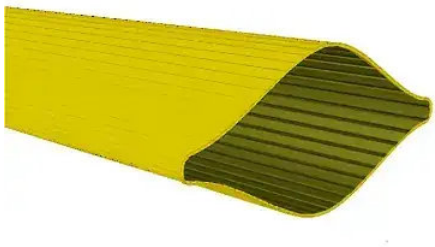
Size range:
¾" – 6" (19 mm – 152 mm)

Working pressure:
85–300 PSI by size

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

Best for:
Air compressors, agriculture irrigation, drainage and watering, mining and dewatering, high-pressure liquid pumping, dry material discharge, cable covering, flotation booms

Marking:
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PART NUMBER	ID		WORKING PRESSURE		BURST PRESSURE		WEIGHT		COIL LENGTH	
	in	mm	PSI	bar	PSI	bar	lb/ft	kg/m	ft	m
YFAH-075-300 *	¾"	19	300	21	900	62	0.23	0.34	300	91.4
YFAH-100-300 *	1"	25	300	21	900	62	0.32	0.48	300	91.4
YFAH-150-225 *	1½"	38	255	18	765	53	0.41	0.61	300	91.4
YFAH-200-200 *	2"	51	200	14	600	41	0.52	0.77	300	91.4
YFAH-300-150	3"	76	150	10	450	31	0.76	1.13	300	91.4
YFAH-400-150	4"	102	150	10	450	31	1.21	1.8	300	91.4
YFAH-600-85	6"	152	85	6	255	18	1.62	2.41	300	91.4

* Longer length available on request

Available with universal couplings on request.

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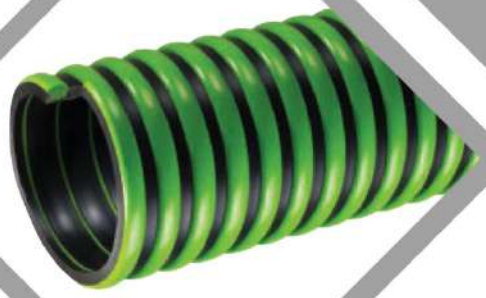


WATER HOSE

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





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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:
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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:
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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

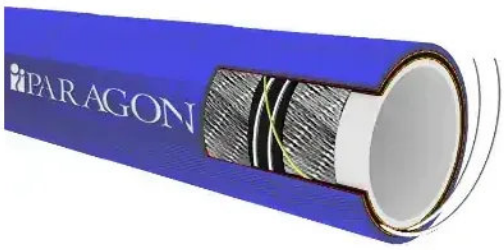
Size range:
¾" – 4" (19 mm – 102 mm)

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:
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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:
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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:
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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

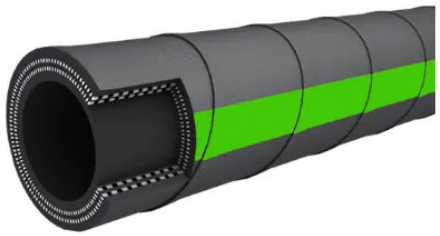
Size range:
2" – 30" (51 mm – 762 mm)

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

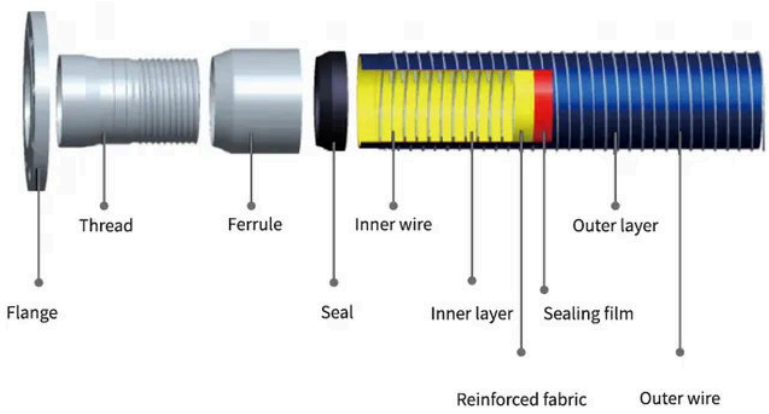
Size range:
4" – 12" (102 mm – 305 mm)

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

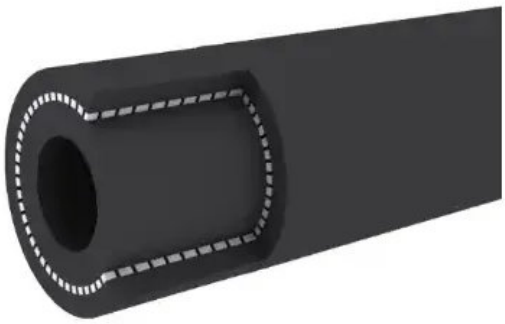
Size range:
½" – ¾" (13 mm – 19 mm)

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

PARAGON





PETROLEUM HOSE

Tank truck suction & discharge hose
Smart-flex suction & discharge truck hose





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

Tank Truck Suction & Discharge Hose 150 PSI

Twelve sizes from ¾″ to 8″, rated 150 PSI working and 450 PSI burst, with 28 in.Hg vacuum on every size. −22 °F to +194 °F, in 200 ft (61 m) coils — 100 ft (30.5 m) in 6″ and 8″.

Application:
Oil suction and discharge hose for petroleum products, used to load and unload road tank trucks.

Tube:
Black smooth synthetic rubber, resistant to mineral oils and fuels with maximum 50% aromatic content

Reinforcement:
High tensile textile plies and helix wire embedded and antistatic wire

Cover:
Black, smooth conductive rubber, abrasion, oil, fuel, ozone and weather resistant. Flame resistant according TRbF – 131 – Teil 2 - § 5.5

Size range:
¾" – 8" (19 mm – 203 mm)

Working pressure:
150 PSI

Temperature:
−22°F to +194°F (−30°C to +90°C)

Best for:
Loading and unloading petroleum road tankers; fuel and oil transfer

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
TTSH-075-150	¾"	19	1.18	30	150	10	450	31	28	4	102	0.37	0.55	200	61
TTSH-100-150	1"	25	1.41	36	150	10	450	31	28	4	102	0.46	0.68	200	61
TTSH-125-150	1¼"	32	1.69	43	150	10	450	31	28	4	102	0.63	0.94	200	61
TTSH-150-150	1½"	38	1.99	51	150	10	450	31	28	5	127	0.72	1.07	200	61
TTSH-175-150	1¾"	44	2.24	57	150	10	450	31	28	5	127	0.79	1.18	200	61
TTSH-200-150	2"	51	2.56	65	150	10	450	31	28	6	152	0.93	1.38	200	61
TTSH-250-150	2½"	64	3.11	79	150	10	450	31	28	8	203	1.39	2.07	200	61
TTSH-300-150	3"	76	3.62	92	150	10	450	31	28	9	229	1.85	2.75	200	61
TTSH-350-150	3½"	89	4.25	108	150	10	450	31	28	10	254	2.93	4.36	200	61
TTSH-400-150	4"	102	4.72	120	150	10	450	31	28	12	305	2.93	4.36	200	61
TTSH-600-150	6"	152	6.98	177	150	10	450	31	28	30	762	4.43	6.59	100	30.5
TTSH-800-150	8"	203	9.25	235	150	10	450	31	28	42	1067	6.2	9.23	100	30.5

Corrugated Tank Truck Oil Suction & Discharge Hose

Nine sizes from 1″ to 6″, rated 150 PSI working and 450 PSI burst, with 28 in.Hg vacuum on every size. −22 °F to +194 °F, in 200 ft (61 m) coils — 100 ft (30.5 m) in 5″ and 6″.

Application:
Corrugated suction and discharge hose for moving petroleum and fuel between storage tanks and tank trucks at fuel stations. Light, flexible and easy to handle.

Tube:
Black smooth rubber suitable for mineral oil and all grades of petroleum products with up to 50% aromatic content and unleaded petrol with maximum 5% MTBE and 15% oxygenated compounds

Reinforcement:
High tensile textile plies, helix wire embedded and antistatic wire

Cover:
Black, corrugated surface, conductive, resistant to abrasion, oil, fuel, ozone and weather conditions. Flame resistant according to TRbF 131-Teil 2 # 5.5. Fabric impression

Size range:
1" – 6" (25 mm – 152 mm)

Working pressure:
150 PSI

Temperature:
−22°F to +194°F (−30°C to +90°C)

Best for:
Loading and unloading petroleum road tankers at fuel stations; fuel and oil transfer

Marking:



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
TTCH-100-150	1"	25	1.41	36	150	10	450	31	28	2	51	0.47	0.7	200	61
TTCH-125-150	1¼"	32	1.69	43	150	10	450	31	28	2.5	64	0.5	0.74	200	61
TTCH-150-150	1½"	38	1.99	51	150	10	450	31	28	3.5	89	0.67	1	200	61
TTCH-200-150	2"	51	2.56	65	150	10	450	31	28	5	127	0.94	1.4	200	61
TTCH-250-150	2½"	64	3.11	79	150	10	450	31	28	6	152	1.28	1.9	200	61
TTCH-300-150	3"	76	3.62	92	150	10	450	31	28	8	203	1.61	2.4	200	61
TTCH-400-150	4"	102	4.72	120	150	10	450	31	28	10	254	2.49	3.71	200	61
TTCH-500-150	5"	127	6.98	177	150	10	450	31	28	14	356	3.02	4.49	100	30.5
TTCH-600-150	6"	152	9.25	235	150	10	450	31	28	16	406	4.44	6.61	100	30.5

Tank Truck Suction & Discharge Hose 300 PSI

Four sizes from 2″ to 6″, rated 300 PSI working and 900 PSI burst, with a full 30 in.Hg vacuum on every size. −22 °F to +194 °F, in 200 ft (61 m) coils — 100 ft (30.5 m) in 6″.

Application:
Oil suction and discharge hose for petroleum products, rated for full vacuum on the suction side of a tank-truck transfer.

Tube:
Black smooth synthetic rubber, resistant to mineral oils and fuels with maximum 50% aromatic content

Reinforcement:
High tensile textile plies and helix wire embedded and antistatic wire

Cover:
Black, smooth conductive rubber, abrasion, oil, fuel, ozone and weather resistant. Flame resistant according TRbF – 131 – Teil 2 - § 5.5

Size range:
2" – 6" (51 mm – 152 mm)

Working pressure:
300 PSI

Temperature:
−22°F to +194°F (−30°C to +90°C)

Best for:
Loading and unloading petroleum road tankers; fuel and oil transfer

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
TTSH-200-300	2"	51	2.6	66	300	21	900	62	30	8	203	1.3	1.93	200	61
TTSH-300-300	3"	76	3.62	92	300	21	900	62	30	12	305	2.06	3.07	200	61
TTSH-400-300	4"	102	4.72	120	300	21	900	62	30	18	457	3.05	4.54	200	61
TTSH-600-300	6"	152	6.88	175	300	21	900	62	30	42	1067	5.95	8.85	100	30.5

Low Temperature Tank Truck Suction & Discharge Hose

Five sizes from 2″ to 8″, rated 150 PSI working and 450 PSI burst, with 24 in.Hg vacuum on every size. Qualified to −65 °F (−54 °C), in 100 ft (30.5 m) coils — 50 ft (15.25 m) in 6″ and 8″.

Application:
Tank-truck oil suction and discharge hose for petroleum products in extreme cold, qualified to −65 °F where the standard tank-truck hoses stop at −22 °F.

Tube:
Black, smooth, conductive, synthetic rubber, suitable for petroleum products with up to 50% aromatic

Reinforcement:
High tensile textile plies and two helix wires embedded and antistatic wire

Cover:
Black & Blue, smooth conductive rubber, abrasion, oil, fuel, ozone and weather resistant

Size range:
2" – 8" (51 mm – 203 mm)

Working pressure:
150 PSI

Temperature:
−65°F to +194°F (−54°C to +90°C)

Best for:
Loading and unloading petroleum road tankers in extreme cold; fuel and oil transfer

Marking:



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
LTTC-200-150	2"	51	2.48	63	150	10	450	31	24	6	152	1.18	1.76	100	30.5
LTTC-300-150	3"	76	3.5	89	150	10	450	31	24	7.5	190	1.75	2.6	100	30.5
LTTC-400-150	4"	102	4.64	118	150	10	450	31	24	9.5	241	2.3	3.42	100	30.5
LTTC-600-150	6"	152	6.69	170	150	10	450	31	24	16	406	5.16	7.68	50	15.2
LTTC-800-150	8"	203	8.86	225	150	10	450	31	24	22	559	8.26	12.29	50	15.2

PETROLEUM HOSE

Antistatic Oil & Gas Layflat Hose

FUELMAN
Antistatic Hose

Features:

This Antistatic hose has an excellent abrasion resistance and a very high tensile strength. It is resistant to UV, ozone, fuels as well as weathering / hydrolysis and commonly used chemicals.
It has a positive buoyancy when operated in sea water or fresh water. The hose meets the requirements set out in MIL-PRF-370J. The hose is manufactured in compliance with ISO 9001:2015 quality management system.

Advantages:

ow weight.
Easy deployment and retrieval.
Less storage needed - Stored on reels or flaked in containers
Long lengths + 200m
Easy to access the copper wires for safe installation

Design:

Fuelman is a heavy duty Thermoplastic Polyurethane covered hose designed for transferring fuels, other liquid hydrocarbons or to be used as a general purpose Antistatic hose.
The lay flat hose is designed using the state of the art "extrusion through the weave" technology, ensuring a very good bonding between cover and lining the textile weave.
The antistatic property is ensured by dual longitudinal copper wire straps attached to the hose body and which are connected to the end coupling.



FUELMAN is an Antistatic hose with an excellent abrasion resistance and a very high tensile strength.

It is resistant to UV, ozone, fuels as well as weathering/ hydrolysis and commonly used chemicals

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
PUFD-150	1½	38	0.07	2.1	5.8	2.8	655	45	0.20	0.30	600
PUFD-200	2	51	0.09	2.2	7.6	3.5	655	45	0.29	0.44	600
PUFD-250	2½	63	0.09	2.3	9.1	4.3	610	42	0.36	0.58	600
PUFD-300	3	76	0.09	2.1	10.7	5.0	610	42	0.47	0.75	600
PUFD-400	4	102	0.09	2.2	23.1	10.8	520	36	0.72	1.07	600







MAGNIFAX
Industrial & Hydraulic Hoses
Accessories & Hose Fittings

PARAGON

PETROLEUM HOSE

Antistatic Oil & Gas Layflat Hose

FUELMAN STANDARD

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
PUFD-600	6	152	0.15	3.7	44.0	21.0	650	45	1.34	2.0	600
PUFD-700	7	178	0.16	4.0	70.0	31.8	650	45	1.61	2.4	600
PUFD-800	8	203	0.17	4.2	81.5	37.0	610	42	2.15	3.2	600
PUFD-1000	10	254	0.17	4.3	101.2	46.0	520	36	2.73	4.1	600
PUFD-1200	12	305	0.18	4.5	120.0	54.5	435	30	3.38	5.0	600

FUELMAN EXTRA (Precalculated figures only)

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
PUFDX-200	2	51	0.13	3.2	10.1	4.6	900	62	0.47	0.7	600
PUFDX-300	3	76	0.13	3.3	17.6	8.0	900	62	0.67	1.0	600
PUFDX-400	4	102	0.15	3.8	30.8	14.0	900	62	1.07	1.6	600
PUFDX-600	6	152	0.17	4.4	50.6	23.0	850	58	1.68	2.5	600

FUELMAN EXTREME (Precalculated figures only)

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
PUFDS-400	4	102	0.17	4.2	178	80	2500	172	1.16	1.73	600
PUFDS-500	5	127	0.18	4.5	218	98	2500	172	1.64	2.45	600

NOTE: SAFETY BP/WP IS 2:1 (50%). FOR ALL NON-HAZARD AND/OR NON-FLAMMABLE LIQUIDS.

NOTE: Maximum working pressure is 25% of listed Burst pressure, i.e. SF 4:1. Ensure that the end coupling is designed for this working pressure. The Burst pressure listed is measured on a straight, free expanding hose according to ISO 1402. Tensile strength is calculated values. Operating Temperature range. -50 to + 50 ºC. Recommended operating pH range: 5 to 9.

MAGNIFAX
Industrial & Hydraulic Hoses
Accessories & Hose Fittings

Low Temperature Fuel Discharge Hose

Application:
Fuel discharge hose for diesel, gasoline and other petroleum products in extreme cold.

Tube:
Black, smooth, conductive, synthetic rubber, suitable for petroleum products with up to 50% aromatic

Reinforcement:
High tensile textile plies and two helix wires embedded and antistatic wire

Cover:
Blue, smooth conductive rubber, abrasion, oil, fuel, ozone and weather resistant

Size range:
½" – 1" (13 mm – 25 mm)

Working pressure:
300 PSI

Temperature:
−65°F to +194°F (−54°C to +90°C)

Best for:
Diesel, gasoline and petroleum product transfer in extreme cold

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		VACUUM	WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	in.Hg	lb/ft	kg/m	ft	m
LFDH-050-300	½"	13	0.83	21	300	21	900	62	24	1.18	1.76	100	30.5
LFDH-075-300	¾"	19	1.22	31	300	21	900	62	24	1.85	2.75	100	30.5
LFDH-100-300	1"	25	1.5	38	300	21	900	62	24	2.77	4.12	100	30.5

High Temperature Tank Truck Hose

Application:
Tank truck hose for hot oil and glycol at up to 250°F (120°C), for in-plant and oil field operations.

Tube:
Heat resistant synthetic rubber compound

Reinforcement:
High tensile wire helix embedded in layers of textile cords

Cover:
Black corrugated, abrasion and oil resistant

Size range:
2" – 4" (51 mm – 102 mm)

Working pressure:
150 PSI (300 PSI on request)

Temperature:
Up to +250°F (+120°C)

Best for:
Hot oil and glycol transfer, in-plant and oil field

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
HTTC-200-150-LL	2"	51	2.52	64	150	10	450	31	0.94	1.4	200	61
HTTC-250-150-LL	2½"	64	3.03	77	150	10	450	31	1.28	1.9	200	61
HTTC-300-150-LL	3"	76	3.54	90	150	10	450	31	1.61	2.4	200	61
HTTC-400-150-LL	4"	102	4.61	117	150	10	450	31	2.49	3.71	200	61

LL in the part number is the length in feet: HTTC-200-150-50 is a 2″ × 50′ length.

300 PSI working pressure is available on request.

Roof Drain Hose Nitrile Cover

Application:
Roof drain hose for draining water through product containing up to 70% aromatic substances.

Tube:
Black Nitrile Rubber, 70% aromatic

Reinforcement:
Four alternating layers of polyester reinforced with a double high-tensile steel wire helix; embedded copper wire for electrical continuity

Cover:
Black, smooth nitrile rubber (NBR), resistant to oil, abrasion and weather

Size range:
2" – 8" (51 mm – 203 mm)

Working pressure:
145 PSI

Temperature:
−22°F to +212°F (−30°C to +100°C)

Best for:
Roof drainage through product with up to 70% aromatics

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		BEND RADIUS		WALL		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	in	mm	in	mm	lb/ft	kg/m	ft	m
RDNH-200	2"	51	2.87	73	145	10	435	30	15.79	401	0.43	10.9	1.88	2.8	200	61
RDNH-250	2½"	64	3.43	87	145	10	435	30	16.73	425	0.43	10.9	2.76	4.11	200	61
RDNH-300	3"	76	3.86	98	145	10	435	30	17.72	450	0.43	10.9	3.1	4.61	200	61
RDNH-400	4"	102	4.96	126	145	10	435	30	23.62	600	0.47	11.9	4.44	6.61	200	61
RDNH-600	6"	152	6.97	177	145	10	435	30	35.43	900	0.49	12.4	7.6	11.31	200	61
RDNH-800	8"	203	9.13	232	145	10	435	30	47.24	1200	0.57	14.5	11.29	16.8	131	39.9

End options: internally swaged hose tail with flanges, in stainless steel or carbon steel.

mandals

PARAGON

PETROLEUM/WATER HOSE

Antistatic Oil & Gas Layflat Hose

ULTRAMAN
LAY-FLAT HOSES

Features:

Full diameter recovery after pressure release.
Excellent hydrolysis and fungus resistance. Resistance to a wide range of chemicals.
Temperature range -50 to 75 ºC (pure water) Excellent UV, Ozone and weathering resistance.
Leak proof tested section lengths up to 200 mts.

Advantages:

Excellent hydrolysis and fungus resistance
High diameter and extension stability
Resistance to a wide range of chemicals (Ref. chemical list) Temperature range -50 to 75 º C (pure water) Excellent UV and weathering resistance.
Longer length (> 650feet) on request for diameter up to 6 inches.

Design:

Thermoplastic polyether based polyurethane (TPU)
Extrusion through a circular woven jacket
Excellent adhesion between cover and weave

Technical data:

A durable lightweight hose for all-round use within mining, energy and agricultural sector.

Easy handling and a long life time makes it very cost effective. Available in lengths up to 800 m depending on diameter.

Typical application areas are dewatering of open pit mines, irrigation and bypass line for sewage or slurry.



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
UTPH-200	2	51	0.11	2.7	11.9	5.4	940	65	0.35	0.52	650
UTPH-250	2 ½	63	0.11	2.8	14.3	6.5	810	56	0.44	0.66	650
UTPH-300	3	76	0.11	2.8	17.4	7.9	780	54	0.54	0.84	650
UTPH-350	3 ½	90	0.11	2.9	20.0	9.1	620	43	0.66	0.98	650
UTPH-400	4	102	0,13	3.2	22.2	10.1	610	42	0.80	1.20	650
UTPH-450	4 ½	114	0,13	3.2	23.8	10.8	535	37	0.93	1.39	650
UTPH-500	5	127	0,13	3.2	26.4	12.0	505	35	1.02	1.52	650
UTPH-600	6	152	0,13	3.2	32.8	14.9	435	30	1.16	1.73	650
UTPH-700	7	178	0,13	3.2	37.6	17,1	390	27	1.37	2.05	200
UTPH-800	8	203	0,13	3.2	41.7	18.9	375	26	1.63	2.44	200
UTPH-1000	10	254	0,13	3.3	52.3	23.7	305	21	2.07	3.08	200
UTPH-1200	12	302	0.14	3.5	84.2	38.2	230	16	2.74	4.05	200





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

MAGNIFAX
Industrial & Hydraulic Hoses
Accessories & Hose Fittings

Fuel Discharge Hose 150 PSI

Smooth-cover fuel transfer hose for farm pumps and gravity-feed storage tanks. ¾″ and 1″, rated 150 PSI working and 450 PSI burst, in 200 ft (61 m) coils.

Application:
Smooth-cover hose for transferring refined fuels from farm pumps and gravity-feed storage tanks. Supplied in 200 ft coils; also available on a reel on request.

Tube:
Black, smooth SBR rubber compound

Reinforcement:
High tensile synthetic textile plies with copper antistatic wire

Cover:
Black, smooth NBR/CPE/SBR

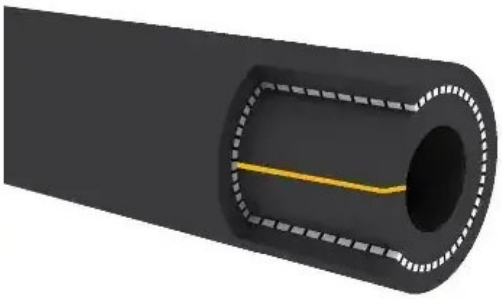
Size range:
¾" – 1" (19 mm – 25 mm)

Working pressure:
150 PSI

Temperature:
−40°F to +180°F (−40°C to +82°C)

Best for:
Refined fuel transfer from farm pumps and gravity-feed storage tanks

Marking:



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		WALL		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	in	mm	lb/ft	kg/m	ft	m
FGH-075-150	¾"	19	1.063	27	150	10	450	31	0.157	4	0.35	0.52	200	61
FGH-100-150	1"	25	1.38	35	150	10	450	31	0.19	4.8	0.48	0.71	200	61

Tank Truck Discharge Hose

Application:
Oil discharge hose for petroleum products.

Tube:
Black smooth synthetic rubber, resistant to mineral oils and fuels with maximum 50% aromatic content

Reinforcement:
High tensile textile plies embedded with antistatic wire

Cover:
Red, smooth conductive rubber, abrasion, oil, fuel, ozone and weather resistant

Size range:
1½" – 6" (38 mm – 152 mm)

Working pressure:
150 PSI

Temperature:
−22°F to +194°F (−30°C to +90°C)

Best for:
Oil and petroleum product discharge from tank trucks

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
TTDH-150-300	1½"	38	1.81	46	150	10	450	31	0.77	1.15	200	61
TTDH-200-300	2"	51	2.4	61	150	10	450	31	0.82	1.22	200	61
TTDH-300-300	3"	76	3.42	87	150	10	450	31	1.42	2.11	200	61
TTDH-400-300	4"	102	4.49	114	150	10	450	31	1.92	2.86	200	61
TTDH-600-300	6"	152	6.45	164	150	10	450	31	3.6	5.36	100	30.5

Hard Wall Marine Exhaust Hose

Application:
Wet exhaust hose for marine craft engines. Also used for suction and discharge of fuel, oil and hydraulic fluid where unusual sizes are needed.

Tube:
Black NBR, exhaust gas, fuel and fire resistant

Reinforcement:
High tensile textile cords with flexible steel helix wire

Cover:
Black NBR, ozone, hydrocarbon and fire resistant

Size range:
⅝" – 4" (16 mm – 102 mm)

Working pressure:
30 PSI

Temperature:
−4°F to +212°F (−20°C to +100°C)

Best for:
Marine engine wet exhaust; fuel, oil and hydraulic fluid in odd sizes

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
MEH-0625-30	⅝"	16	1.02	26	30	2	90	6	30	2	51	0.36	0.54
MEH-075-30	¾"	19	1.14	29	30	2	90	6	30	2.25	57	0.45	0.67
MEH-0875-30	⅞"	22	1.26	32	30	2	90	6	30	2.75	70	0.49	0.73
MEH-100-30	1"	25	1.38	35	30	2	90	6	30	3	76	0.55	0.82
MEH-1125-30	1⅛"	29	1.5	38	30	2	90	6	30	3.25	83	0.6	0.89
MEH-150-30	1½"	38	1.89	48	30	2	90	6	30	4.5	114	0.7	1.04
MEH-175-30	1¾"	44	2.2	56	30	2	90	6	30	5.25	133	0.86	1.28
MEH-200-30	2"	51	2.44	62	30	2	90	6	30	6	152	0.98	1.46
MEH-250-30	2½"	64	2.87	73	30	2	90	6	27	7.5	190	1.32	1.96
MEH-300-30	3"	76	3.39	86	30	2	90	6	27	9	229	1.53	2.28
MEH-350-30	3½"	89	3.94	100	30	2	90	6	27	10.5	267	1.9	2.83
MEH-400-30	4"	102	4.41	112	30	2	90	6	27	12	305	2.12	3.15

Roof Drain Hose Viton Cover

Application:
Roof drain hose for draining water through product containing up to 100% aromatic substances.

Tube:
Black Nitrile Rubber, 100% aromatic

Reinforcement:
Four alternating layers of polyester reinforced with a double high-tensile steel wire helix; embedded copper wire for electrical continuity

Cover:
Black Viton rubber (FKM), 100% aromatic

Size range:
2" – 8" (51 mm – 203 mm)

Working pressure:
145 PSI

Temperature:
−22°F to +212°F (−30°C to +100°C)

Best for:
Roof drainage through product with up to 100% aromatics

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		BEND RADIUS		WALL		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	in	mm	in	mm	lb/ft	kg/m	ft	m
RDVH-200	2"	51	2.87	73	145	10	435	30	15.79	401	0.43	10.9	1.88	2.8	200	61
RDVH-250	2½"	64	3.43	87	145	10	435	30	16.73	425	0.43	10.9	2.76	4.11	200	61
RDVH-300	3"	76	3.86	98	145	10	435	30	17.72	450	0.43	10.9	3.1	4.61	200	61
RDVH-400	4"	102	4.96	126	145	10	435	30	23.62	600	0.47	11.9	4.44	6.61	200	61
RDVH-600	6"	152	6.97	177	145	10	435	30	35.43	900	0.49	12.4	7.6	11.31	200	61
RDVH-800	8"	203	9.13	232	145	10	435	30	47.24	1200	0.57	14.5	11.29	16.8	131	39.9

End options: internally swaged hose tail with flanges, in stainless steel or carbon steel.

Square Corrugated Tank Truck Suction & Discharge Hose

Application:
Very flexible corrugated suction and discharge hose for mineral oils, diesel fuel and gasoline with up to 50% aromatic content.

Tube:
Black smooth NBR rubber suitable for mineral oil and all grades of petroleum products with up to 50% aromatic content

Reinforcement:
High strength synthetic plies, with steel spirals and 1 copper wire for hose grounding

Cover:
Black, helix grooved, cloth impression, antistatic SBR/NBR/PVC rubber compound, resistant to oils, abrasion and weather agents

Size range:
1" – 4" (25 mm – 102 mm)

Working pressure:
150 PSI

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

Best for:
Mineral oil, diesel and gasoline suction and discharge

Marking:



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
TTCS-100-150	1"	25	1.46	37	150	10	450	31	26	2.95	75	0.52	0.77	200	61
TTCS-125-150	1¼"	32	1.73	44	150	10	450	31	26	3.7	94	0.67	1	200	61
TTCS-150-150	1½"	38	1.97	50	150	10	450	31	26	4.48	114	0.83	1.24	200	61
TTCS-200-150	2"	51	2.56	65	150	10	450	31	26	6.02	153	1.06	1.58	200	61
TTCS-2375-150	2⅜"	60	2.91	74	150	10	450	31	26	10.63	270	1.14	1.7	200	61
TTCS-250-150	2½"	64	3.07	78	150	10	450	31	20	11.22	285	1.21	1.8	200	61
TTCS-300-150	3"	76	3.58	91	150	10	450	31	20	13.38	340	2.01	2.99	200	61
TTCS-400-150	4"	102	4.69	119	150	10	450	31	20	17.71	450	2.82	4.2	200	61

Fuel Drop Hose

Application:
Light, flexible collecting hose for oil and petroleum products with up to 50% aromatic content. Its outer thermoplastic helix resists abrasion and slides easily.

Tube:
Black NBR, conductive

Reinforcement:
Synthetic plies, anti-static wire

Cover:
Black corrugated, with a green outer thermoplastic helix cover. Ozone and oil resistant

Size range:
1½" – 4" (38 mm – 102 mm)

Working pressure:
150 PSI

Temperature:
−13°F to +176°F (−25°C to +80°C)

Best for:
Collecting and dropping fuel and oil from tankers and storage

Marking:
PARAGON



PART NUMBER	ID		WORKING PRESSURE		BURST PRESSURE		VACUUM	BEND RADIUS		WEIGHT		COIL LENGTH	
	in	mm	PSI	bar	PSI	bar	in.Hg	in	mm	lb/ft	kg/m	ft	m
FUDR-150-150	1½"	38	150	10	450	31	13	3.15	80	0.78	1.16	100	30.5
FUDR-200-150	2"	51	150	10	450	31	13	3.94	100	1.05	1.56	100	30.5
FUDR-250-150	2½"	64	150	10	450	31	11.5	5.12	130	1.27	1.89	100	30.5
FUDR-300-150	3"	76	150	10	450	31	11.5	5.91	150	1.54	2.29	50	15.2
FUDR-400-150	4"	102	150	10	450	31	10	7.87	200	1.99	2.96	50	15.2

High Volume Transfer TPU Layflat Hose

Application:
Durable, lightweight TPU layflat hose for dewatering open-pit mines, irrigation, and sewage or slurry bypass lines. Rated for non-hazardous, non-flammable liquids only. Available in lengths up to 800 m depending on diameter.

Tube:
Thermoplastic polyether-based polyurethane (TPU)

Reinforcement:
Circular woven jacket

Cover:
TPU, excellent adhesion to the weave; UV, ozone and weather resistant

Size range:
8" – 12" (203 mm – 305 mm)

Working pressure:
217–305 PSI by size

Temperature:
−58°F to +167°F (−50°C to +75°C), water

Best for:
Open-pit mine dewatering, irrigation, sewage & slurry bypass lines

Marking:
PARAGON







PART NUMBER	ID		WORKING PRESSURE		BURST PRESSURE		WALL		TENSILE		WEIGHT	
	in	mm	PSI	bar	PSI	bar	in	mm	klbs	t	lb/ft	kg/m
UTPV-800	8"	203	305	21	610	42	0.16	4.1	81.5	37	1.82	2.71
UTPV-1000	10"	254	260	18	520	36	0.16	4.1	101	45.8	2.35	3.5
UTPV-1200	12"	305	217	15	435	30	0.17	4.3	120	54.4	2.83	4.21

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

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CONCRETE HOSE

Boom Placing Steel Wire Hose
Grout & Plaster Hose
Layflat TPU Concrete & Mortar Hose
Cleaning Balls & Seals
Elbow, Pipes & Spare Parts







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

Lay Flat TPU Concrete & Mortar Hose 1233 PSI

Four builds: 3″, 4″, 5″, and a 4″ with a 5″-to-4″ reducer end. Rated 1233 PSI working and 2466 PSI burst. −40 °F to +158 °F. Assemblies up to 200 ft by special order.

Application:
Lay-flat boom tip hose for ICF forms, columns and tall walls where space is at a minimum. Supplied with a heavy-duty Victaulic standard coupling. A third lighter than a traditional flexible boom hose, with anti-whip properties.

Tube:
Extruded thermoplastic polyether based polyurethane (TPU)

Reinforcement:
Circular woven aramid fiber, “extra-strong yarn”

Cover:
Extruded TPU Yellow and orange cover, bonded to lining

Size range:
3" – 5" (76 mm – 127 mm)

Working pressure:
1233 PSI

Temperature:
-40°F/+158°F (-40°C /+70°C)

Best for:
Boom tip placement of concrete and mortar: ICF forms, columns, tall walls

Marking:
PARAGON





PART NUMBER	ID		WORKING PRESSURE		BURST PRESSURE		WALL		TENSILE		WEIGHT		LENGTH
	in	mm	PSI	bar	PSI	bar	in	mm	klbs	t	lb/ft	kg/m	
OPUC-300-1233	3"	76	1233	85	2466	170	0.2	5.1	110	49.9	—	—	Up to 200′
OPUC-400-1233	4"	102	1233	85	2466	170	0.175	4.4	178	80.7	1.5	2.23	Up to 200′
OPUC-500-1233	5"	127	1233	85	2466	170	0.175	4.4	218	98.9	1.65	2.46	Up to 200′
OPUC-400-1233-5M	4" (5"–4" reducer end)	102	1233	85	2466	170	0.175	4.4	178	80.7	1.5	2.23	Up to 200′

All sizes are available up to 200′ assembly by special order.

Heavy-Duty Gunite Hose

Three sizes from 1¼″ to 2″, rated 150 PSI working and 450 PSI burst. −40 °F to +180 °F, in 200 ft (61 m) coils.

Application:
Transfers sand and cement under pressure to the placement mixing gun nozzle. Recommended for all types of gunning applications.

Tube:
Tan Pureten gum rubber or black Tufsyn rubber

Reinforcement:
Spiral-plied synthetic fabric

Cover:
Tan Plioflex synthetic rubber (wrapped impression)

Size range:
1¼" – 2" (32 mm – 51 mm)

Working pressure:
150 PSI

Temperature:
-40°F/+180°F (-40°C /+82°C)

Best for:
All gunning applications; sand-and-cement transfer to the mixing gun nozzle

Marking:



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
GTH-125	1¼"	32	2.16	55	150	10	450	31	1.24	1.85	200	61
GTH-150	1½"	38	2.43	62	150	10	450	31	1.48	2.2	200	61
GTH-200	2"	51	2.94	75	150	10	450	31	1.86	2.77	200	61

Cement Discharge Hose

Application:
Mandrel-built bulk material delivery hose for abrasive materials such as cement, chalk and fine-grained abrasive powders, for silo discharging and tank trucks. Abrasion loss 70 mm³ to ISO 4649:2017.

Tube:
Black smooth rubber, resistant to abrasion

Reinforcement:
High tensile textile plies

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

Size range:
4" (102 mm)

Working pressure:
300 PSI

Temperature:
-40°F/+158°F (-40°C /+70°C)

Best for:
Cement, chalk and abrasive powders; silo discharging and tank trucks

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		WALL		WEIGHT	
	in	mm	in	mm	PSI	bar	PSI	bar	in	mm	lb/ft	kg/m
MCDH-400-300	4"	102	4.76	121	300	21	900	62	0.37	9.4	2.57	3.82

Tube thickness 3/16" (4.8 mm).

Boom Placing Steel Wire Hose

Five sizes from 2″ to 5″, pre-assembled with heavy-duty or metric Victaulic ends, rated 1500 PSI working and 3000 PSI burst. −40 °F to +158 °F. Minimum bend radius 10.8″ at 2″ to 19.6″ at 5″.

Application:
Mandrel-built steel wire reinforced concrete placement hose for concrete pumping. Available in standard and custom lengths, swaged with heavy-duty and metric full-flow Victaulic fittings hardened to 62/64 HRC.

Tube:
High abrasion resistant conductive black rubber NBR

Reinforcement:
High strength brass coated spiral steel wires

Cover:
Black SBR/EPDM rubber, resistant to weather, ozone and abrasion

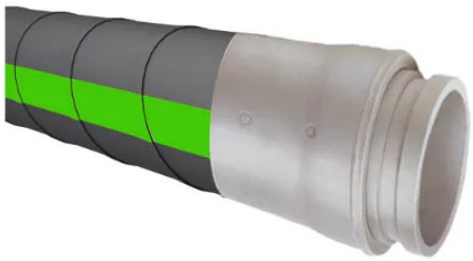
Size range:
2" – 5" (51 mm – 127 mm)

Working pressure:
1500 PSI

Temperature:
-40°F/+158°F (-40°C /+70°C)

Best for:
Boom placement lines for concrete pumping

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		BEND RADIUS		WEIGHT		LENGTH	END TYPE
	in	mm	in	mm	PSI	bar	PSI	bar	in	mm	lb/ft	kg/m		
CPSH-200-1500-LL-HD2	2"	51	2.75	70	1500	103	3000	207	10.8	274	1.7	2.53	25′, 50′	HD ends
CPSH-250-1500-LL-HD2	2½"	64	3.46	88	1500	103	3000	207	11.8	300	2.6	3.87	10′, 25′	HD ends
CPSH-300-1500-LL-HD2	3"	76	4	102	1500	103	3000	207	13.7	348	3.8	5.66	10′, 25′	HD ends
CPSH-400-1500-LL-HD2	4"	102	5.04	128	1500	103	3000	207	15.7	399	4.6	6.85	10′	HD ends
CPSH-500-1500-LL-MT2	5"	127	6.1	155	1500	103	3000	207	19.6	498	5.8	8.63	4′, 5′, 6′, 8′, 10′, 13′	Metric ends
CPSH-500-1500-LL-HD2	5"	127	6.1	155	1500	103	3000	207	19.6	498	5.8	8.63	4′, 5′, 6′, 8′, 10′, 13′	HD ends

LL in the part number is the assembly length in feet: CPSH-200-1500-25-HD2 is a 2″ × 25′ assembly with heavy-duty ends.

All sizes are available up to 200′ assembly by special order.

Reducing Boom Hose 1233 PSI

Two cone builds, 5″ to 4″ and 5″ to 3″, each 11.5 ft long with metric full-flow ends. Rated 1233 PSI working and 2466 PSI burst. −40 °F to +158 °F.

Application:
Cone-shaped boom hose for better control of flow and easier concrete filling of forms and blocks.

Tube:
High abrasion resistant conductive black NBR rubber

Reinforcement:
High strength brass coated spiral steel wires

Cover:
Black SBR/EPDM rubber, resistant to weather, ozone and abrasion

Size range:
5" to 4" and 5" to 3"

Working pressure:
1233 PSI

Temperature:
-40°F/+158°F (-40°C /+70°C)

Best for:
Concrete filling of forms and blocks from the boom, with controlled flow

Marking:
PARAGON



PART NUMBER	ID		WORKING PRESSURE		BURST PRESSURE		WEIGHT		END TYPE
	in	mm	PSI	bar	PSI	bar	lb	kg	
CCSH-500-400-M-11.5'	5" to 4"	127	1233	85	2466	170	97	44	Metric Full Flow End
CCSH-500-300-M-11.5'	5" to 3"	127	1233	85	2466	170	93	42	Metric Full Flow End

Grout & Plaster Hose 600 PSI

Nine sizes from ½″ to 4″, rated 600 PSI working and 1800 PSI burst. −40 °F to +158 °F, in 200 ft (61 m) coils.

Application:
Mandrel-built delivery hose for plaster, concrete, slurry and fine-grained abrasive materials. Suitable for plaster sprayers.

Tube:
Black smooth conductive rubber, abrasion resistant

Reinforcement:
High tensile textile plies

Cover:
Black, smooth rubber, weather and abrasion resistant. Fabric impression

Size range:
½" – 4" (13 mm – 102 mm)

Working pressure:
600 PSI

Temperature:
-40°F/+158°F (-40°C /+70°C)

Best for:
Plaster sprayers; plaster, concrete, slurry and fine-grained abrasive delivery

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
GRH-050-600	½"	13	0.98	25	600	41	1800	124	0.4	0.6	200	61
GRH-075-600	¾"	19	1.22	31	600	41	1800	124	0.7	1.04	200	61
GRH-100-600	1"	25	1.49	38	600	41	1800	124	1	1.49	200	61
GRH-125-600	1¼"	32	1.88	48	600	41	1800	124	1.6	2.38	200	61
GRH-150-600	1½"	38	2.12	54	600	41	1800	124	1.8	2.68	200	61
GRH-200-600	2"	51	2.63	67	600	41	1800	124	2.5	3.72	200	61
GRH-250-600	2½"	64	3.14	80	600	41	1800	124	3.6	5.36	200	61
GRH-300-600	3"	76	3.86	98	600	41	1800	124	5.1	7.59	200	61
GRH-400-600	4"	102	5.11	130	600	41	1800	124	8.6	12.8	200	61

Grout & Plaster Hose 1233 PSI

Nine sizes from 1″ to 5″, rated 1233 PSI working and 2466 PSI burst. −40 °F to +158 °F, in 200 ft (61 m) coils; 100 ft (30.5 m) at 5″.

Application:
Mandrel-built delivery hose for plaster, concrete, slurry, chalk and abrasive materials. Used on concrete machines in tunnel construction and public works.

Tube:
Black smooth conductive rubber, abrasion resistant

Reinforcement:
High tensile textile plies

Cover:
Black, smooth rubber, weather and abrasion resistant. Fabric impression

Size range:
1" – 5" (25 mm – 127 mm)

Working pressure:
1233 PSI

Temperature:
-40°F/+158°F (-40°C /+70°C)

Best for:
Plaster, concrete, slurry, chalk and abrasive materials; concrete machines in tunnelling and public works

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
GRH-100-1233	1"	25	1.69	43	1233	85	2466	170	0.7	1.04	200	61
GRH-125-1233	1¼"	32	1.87	47	1233	85	2466	170	0.9	1.34	200	61
GRH-150-1233	1½"	38	2.32	59	1233	85	2466	170	1.1	1.64	200	61
GRH-200-1233	2"	51	2.83	72	1233	85	2466	170	1.4	2.08	200	61
GRH-250-1233	2½"	64	3.43	87	1233	85	2466	170	2	2.98	200	61
GRH-300-1233	3"	76	3.97	101	1233	85	2466	170	2.7	4.02	200	61
GRH-350-1233	3½"	89	4.68	119	1233	85	2466	170	2.96	4.41	200	61
GRH-400-1233	4"	102	5.12	130	1233	85	2466	170	3.8	5.66	200	61
GRH-500-1233	5"	127	6.15	156	1233	85	2466	170	4.8	7.14	100	30.5

Concrete Steel Wire Hose 1500 PSI

Seven builds from 2″ to 5″, rated 1500 PSI with a 2:1 safety factor. Vacuum rated to 23.94 in.Hg. −40 °F to +158 °F.

Application:
Mandrel-built steel wire reinforced concrete placement hose, suitable for self-compacting concrete (SCC). Available in standard lengths and in custom-built lengths complete with swaged full-flow Victaulic fittings hardened to 62/64 HRC.

Tube:
Black smooth conductive rubber, resistant to abrasion

Reinforcement:
High strength brass coated spiral steel wires

Cover:
Black, smooth, conductive rubber, resistant to weather and abrasion. Fabric impression

Size range:
2" – 5" (51 mm – 127 mm)

Working pressure:
1500 PSI

Temperature:
-40°F/+158°F (-40°C /+70°C)

Best for:
Concrete placement, including self-compacting concrete (SCC)

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		VACUUM	WEIGHT	
	in	mm	in	mm	PSI	bar	in.Hg	lb/ft	kg/m
CPSH-200-1500	2"	51	2.75	70	1500	103	23.94	1.7	2.53
CPSH-250-1500	2½"	64	3.42	87	1500	103	23.94	2.6	3.87
CPSH-300-1500	3"	76	3.97	101	1500	103	23.94	3.8	5.66
CPSH-400/1-1500	4"	102	4.84	123	1500	103	23.94	4.6	6.85
CPSH-400/2-1500	4"	102	5.03	128	1500	103	23.94	5.1	7.59
CPSH-500/1-1500	5"	127	5.9	150	1500	103	23.94	5.8	8.63
CPSH-500/2-1500	5"	127	6.1	155	1500	103	23.94	6.5	9.67

Concrete Pump Cleanout Ball

Medium sponge cleanout balls for concrete pump lines

Application:
Medium sponge cleanout balls for all concrete pump pipes, joints and hoses, each matched to its line size.

Best for:
Cleaning out concrete pump pipes, joints and hoses

Marking:
PARAGON



Cleanout Balls

Medium cleanout sponge balls for all pipes, joints and hoses.

PART NUMBER	HOSE SIZE	SPONGE BALL
	in	mm
CBMO-200-60	2"	60
CBMO-300-90	3"	90
CBMO-400-125	4"	125
CBMO-500-150	5"	150
CBMO-600-175	6"	175
CBMO-800-200	8"	200
CBMO-900-230	9"	230

24″ Steel Concrete Hose Placing Disc

24″ steel placing disc for concrete hose joints

Application:
24″ steel placing disc for concrete hose joints.

Best for:
Concrete hose joints

Marking:
PARAGON



Placing Disc

24″ steel placing disc for concrete hose joints.

PART NUMBER	SIZE
	in
HDSK-2400	24"

Concrete Pump Devil Catcher

5″ devil catcher for concrete pump lines

Application:
5″ devil catcher for concrete pump lines.

Best for:
5″ concrete pump lines

Marking:
PARAGON



Devil Catcher

PART NUMBER	SIZE
	in
DCM-500	5"

Rubber Concrete Pump Cleanout Pig

Rubber cleanout pig for 5″ concrete pump lines

Application:
Rubber cleanout pig for cleaning out 5″ concrete pump lines.

Best for:
Cleaning out 5″ concrete pump lines

Marking:
PARAGON



Rubber Cleanout Pig

PART NUMBER	SIZE
	in
CP-500	5"

Forged HD Concrete Pump Clamp

Fixed and adjustable forged HD clamps for concrete pump lines

Application:
Forged HD clamps for joining concrete pump pipes, in fixed and adjustable types.

Best for:
Joining HD concrete pump pipes

Marking:
PARAGON



HD Forged Clamps

Fixed and adjustable HD clamps.

PART NUMBER	SIZE	TYPE
	in	
CECH-200	2"	Fixed
CECH-250	2½"	Fixed
CXCH-300	3"	Adjustable
CXCH-400	4"	Adjustable
CXCH-500	5"	Adjustable

Welded Concrete Pump Reducer Pipe

Welded reducer pipes for concrete pump lines

Application:
Welded reducer pipes for stepping a concrete pump line down to a smaller size, with HD or metric/HD ends.

Best for:
Reducing concrete pump line size

Marking:
PARAGON



Reducer Pipe

Welded reducer pipes.

PART NUMBER	LARGE END	SMALL END	LENGTH		ENDS
	in	in	in	mm	
RPHD-2.5-2-28”-HD	2½"	2"	28	711	HD/HD
RPHD-3-2-48”-HD	3"	2"	48	1219	HD/HD
RPHD-3-2-36”-HD	3"	2"	36	914	HD/HD
RPHD-3-2.5-36”-HD	3"	2½"	36	914	HD/HD
RPHD-4-2-36”-HD	4"	2"	36	914	HD/HD
RPHD-4-2-60”-HD	4"	2"	60	1524	HD/HD
RPHD-4-3-36”-HD	4"	3"	36	914	HD/HD
RPHD-5-3-59”-HD	5"	3"	59	1499	HD/HD
RPHD-5-4-18”-HD	5"	4"	18	457	HD/HD
RPMT-5-4-18”-MT/HD	5"	4"	18	457	Metric/HD
RPHD-5-4-36”-HD	5"	4"	36	914	HD/HD
RPMT-5-4-36”-MT/HD	5"	4"	36	914	Metric/HD
RPHD-5-4-59”-HD	5"	4"	59	1499	HD/HD

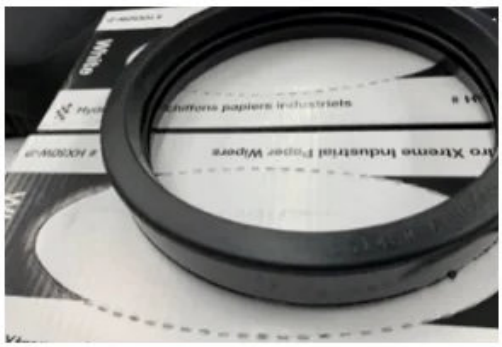
Concrete Pump Rubber Gasket

Metric and HD rubber gaskets for concrete pump lines

Application:
Metric rubber seals for fixed pipes (MRGF) and swivel boom pipes (MRGS), and HD rubber gaskets (RSLH), for concrete pump lines.

Best for:
Sealing concrete pump pipe and swivel boom joints

Marking:
PARAGON



Metric Rubber Seal

Metric rubber seals for fixed and swivel boom pipes.

PART NUMBER	SIZE	TYPE
	in	
MRGF-300	3"	Fixed
MRGF-400	4"	Fixed
MRGF-500	5"	Fixed
MRGS-500	5"	Swivel

HD Rubber Gasket

PART NUMBER	SIZE
	in
RSLH-200	2"
RSLH-250	2½"
RSLH-300	3"
RSLH-400	4"
RSLH-500	5"

Cast Concrete Pump Elbow

90/275 cast elbow for 5″ concrete pump lines

Application:
90/275 cast elbow and 90/275 twin elbow for 5″ concrete pump lines.

Best for:
Turning 5″ concrete pump lines through 90°

Marking:
PARAGON



Cast Elbow

90/275 cast elbow.

PART NUMBER	SIZE
	in
ELBC-500-90-275	5"

Twin Elbow

90/275 twin elbow.

PART NUMBER	SIZE
	in
ELBT-500-90-275	5"

Welded HD Concrete Pump Elbow

Welded 90° HD elbows for concrete pump lines

Application:
Welded 90° HD elbows for concrete pump lines, in straight and reducing sizes.

Best for:
Turning HD concrete pump lines through 90°

Marking:
PARAGON



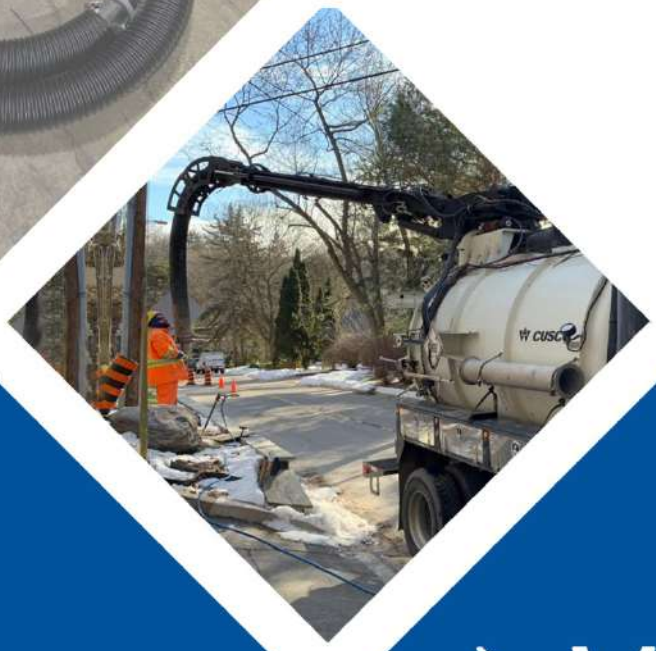
HD Elbow

Welded HD elbows, 90°. The number after ELB is the bend radius in inches: ELB14 = 14″, ELB16 = 16″, ELB18 = 18″.

PART NUMBER	LARGE END	SMALL END	ENDS
	in	in	
ELB14-500-400-HD-90	5"	4"	HD/HD
ELB16-500-400-HD-90	5"	4"	HD/HD
ELB14-500-300-HD-90	5"	3"	HD/HD
ELB16-500-300-HD-90	5"	3"	HD/HD
ELB16-300-HD-90	3"	3"	HD/HD
ELB18-400-300-HD-90	4"	3"	HD/HD
ELB14-400-HD-90	4"	4"	HD/HD
ELB18-400-HD-90	4"	4"	HD/HD
ELB16-200-HD-90	2"	2"	HD/HD
ELB16-500-HD-90	5"	5"	HD/HD

PARAGON





VACUUM HOSE

Industrial vacuum boom hose
Debris collection boom and swiper hose
Premium EPDM 300 suction hose
Heavy duty abrasion resistance suction hose







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

Industrial Vacuum Boom Hose

Nine sizes from 2″ to 10″, rated 150 PSI working and 450 PSI burst, full vacuum at 29 in.Hg. −40 °F to +212 °F. Cuff ends available.

Application:
Mandrel-built bulk material suction and discharge hose for vac-truck booms: abrasive materials, slurries, sand, plastic granulate and mobile drilling rigs. The corrugated cover gives maximum flexibility; available with cuff ends.

Tube:
Red NR smooth rubber, ¼" thick, high abrasion resistance

Reinforcement:
High-tensile textile plies, embedded helix wire, antistatic wire

Cover:
Black corrugated rubber, weather and abrasion resistant

Size range:
2" – 10" (51 mm – 254 mm)

Working pressure:
150 PSI

Temperature:
−40°F to +212°F (−40°C to +100°C)

Best for:
Vac-truck booms: abrasive materials, slurries, sand, plastic granulate, mobile drilling rigs

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
IVRG-200-250	2"	51	2.83	72	150	10	450	31	29	4	102	1	1.49	200	61
IVRG-250-250	2½"	64	3.31	84	150	10	450	31	29	5	127	1.4	2.08	200	61
IVRG-300-250	3"	76	3.86	98	150	10	450	31	29	6	152	1.8	2.68	200	61
IVRG-350-250	3½"	89	4.37	111	150	10	450	31	29	7	178	2	2.98	200	61
IVRG-400-250	4"	102	4.92	125	150	10	450	31	29	8	203	2.3	3.42	200	61
IVRG-500-250	5"	127	5.94	151	150	10	450	31	29	10	254	3	4.46	100	30.5
IVRG-600-250	6"	152	6.97	177	150	10	450	31	29	12	305	3.97	5.91	100	30.5
IVRG-800-250	8"	203	9.17	233	150	10	450	31	29	16	406	6.63	9.87	100	30.5
IVRG-1000-250	10"	254	11.11	282	150	10	450	31	29	30	762	14.1	20.98	20	6.1

Debris Collection Boom & Swiper Hose

Five sizes from 4″ to 12″, rated 150 PSI working and 450 PSI burst, full vacuum at 29 in.Hg. −40 °F to +212 °F. Cuffed both ends, in cut lengths from 25 in to 127 in.

Application:
Heavy-duty corrugated-cover hose with a cuff at both ends and full vacuum, for vacuum-truck boom and swiper applications. A double-helix spring-steel wire encapsulated in wrapped rubber and polyester yarn makes a flexible, abrasion-resistant hose.

Tube:
Red, yellow, tan or black smooth-surface rubber, 3/16″ or 1/4″ thick

Reinforcement:
Twin helix steel wire and polyester fabric

Cover:
Corrugated black abrasion-resistant rubber

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

Working pressure:
150 PSI

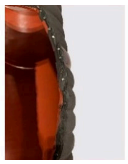
Temperature:
−40°F to +212°F (−40°C to +100°C)

Best for:
Vacuum-truck booms and swipers

Marking:
PARAGON









PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		VACUUM	BEND RADIUS		WEIGHT		LENGTH
	in	mm	in	mm	PSI	bar	PSI	bar	in.Hg	in	mm	lb/ft	kg/m	
DB400-187-100	4"	102	4.87	124	150	10	450	31	29	15	381	4.6	6.85	100 in (2.54 m)
DB600-250-100	6"	152	6.7	170	150	10	450	31	29	22	559	5.4	8.04	100 in (2.54 m)
DB600-250-50	6"	152	6.7	170	150	10	450	31	29	22	559	5.4	8.04	50 in (1.27 m)
DB600-250-120	6"	152	6.7	170	150	10	450	31	29	22	559	5.4	8.04	120 in (3.05 m)
DB800-250-25	8"	203	8.8	224	150	10	450	31	29	30	762	7.9	11.76	25 in (0.64 m)
DB800-250-32	8"	203	8.8	224	150	10	450	31	29	30	762	7.9	11.76	32 in (0.81 m)
DB800-250-36	8"	203	8.8	224	150	10	450	31	29	30	762	7.9	11.76	36 in (0.91 m)
DB800-250-54	8"	203	8.8	224	150	10	450	31	29	30	762	7.9	11.76	54 in (1.37 m)
DB800-250-57	8"	203	8.8	224	150	10	450	31	29	30	762	7.9	11.76	57 in (1.45 m)
DB800-250-60	8"	203	8.8	224	150	10	450	31	29	30	762	7.9	11.76	60 in (1.52 m)
DB800-250-62	8"	203	8.8	224	150	10	450	31	29	30	762	7.9	11.76	62 in (1.57 m)
DB800-250-66	8"	203	8.8	224	150	10	450	31	29	30	762	7.9	11.76	66 in (1.68 m)
DB800-250-102	8"	203	8.8	224	150	10	450	31	29	30	762	7.9	11.76	102 in (2.59 m)
DB800-250-127	8"	203	8.8	224	150	10	450	31	29	30	762	7.9	11.76	127 in (3.23 m)
DB1000-250-120	10"	254	11.11	282	150	10	450	31	29	30	762	10.5	15.63	120 in (3.05 m)
DB1200-250-120	12"	305	13.5	343	150	10	450	31	29	30	762	12.5	18.6	120 in (3.05 m)

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

Heavy-Duty Abrasion Suction Hose

Five sizes from 2″ to 8″, rated 40 PSI at 2″ down to 30 PSI at 4″ to 8″. Vacuum 29.8 in.Hg to 4″, falling to 27 in.Hg at 8″. −40 °F to +140 °F, in 100 ft coils.

Application:
Heavy-duty abrasion hose for vacuum trucks: suction of cement, sand, crushed rock, gravel, grain and fertilizer. Light weight and flexible, with extreme abrasion resistance.

Tube:
Black smooth abrasion-resistant SBR-blended rubber with static carbon black

Reinforcement:
Rigid PVC clockwise helix

Cover:
Corrugated black SBR rubber with UV and abrasion resistance

Size range:
2" – 8" (51 mm – 203 mm)

Working pressure:
30–40 PSI by size

Temperature:
−40°F to +140°F (−40°C to +60°C)

Best for:
Vacuum trucks: cement, sand, crushed rock, gravel, grain and fertilizer

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
BR180-200	2"	51	2.4	61	40	3	29.8	2.5	64	0.5	0.74	100	30.5
BR180-300	3"	76	3.5	89	35	2	29.8	4	102	1.1	1.64	100	30.5
BR180-400	4"	102	4.63	118	30	2	29.8	5.5	140	1.77	2.63	100	30.5
BR180-600	6"	152	6.8	173	30	2	28	10	254	3.08	4.58	100	30.5
BR180-800	8"	203	9.04	230	30	2	27	15	381	5.65	8.41	100	30.5

Hose assemblies are available with cam-lock ends on request.

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.

Sludge & Debris Vacuum Hose

Four sizes from 4″ to 10″, rated 87 PSI working and 261 PSI burst, full vacuum at 29 in.Hg. −40 °F to +160 °F, in 200 ft coils at 4″ and 100 ft above. Yellow or white tube.

Application:
Heavy-duty bulk material suction and discharge hose for ultra-abrasive materials on trucks and vacuum equipment. Made in two versions: the yellow tube for higher-abrasion materials with cutting edges, the white tube for materials that may need FDA approval, such as PVC granules and grain. The 5/16″ tube is built for cutting, tearing and wear from abrasive media.

Tube:
Yellow or white smooth pure gum rubber, 1/4″ or 5/16″ thick, ultra-resistant to abrasion

Reinforcement:
High-tensile textile plies, embedded helix wire, antistatic wire

Cover:
Green corrugated rubber with fabric impression, weather and abrasion resistant

Size range:
4" – 10" (102 mm – 254 mm)

Working pressure:
87 PSI

Temperature:
−40°F to +160°F (−40°C to +71°C)

Best for:
Trucks and vacuum equipment handling ultra-abrasive bulk materials; yellow tube for cutting-edge media, white tube where FDA approval may be needed (PVC granules, grain)

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		VACUUM	WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	in.Hg	lb/ft	kg/m	ft	m
SLYG-400-87	4"	102	5.04	128	87	6	261	18	29	5.1	7.59	200	61
SLYG-600-87	6"	152	7.09	180	87	6	261	18	29	6.08	9.05	100	30.5
SLYG-800-87	8"	203	9.2	234	87	6	261	18	29	8.95	13.32	100	30.5
SLYG-1000-87	10"	254	11.2	284	87	6	261	18	29	11.2	16.67	100	30.5

Tiger Tail Hose Protector

Three sizes, 2″, 3″ and 4″, in 65 ft (20 m) rolls, plus 2″ and 3″ cuff-end assemblies 3 ft long. Vacuum to 0.95 bar. −40 °F to +158 °F. A 20 ft securing rope is supplied.

Application:
Designed to protect sewer-cleaning jetting hoses: it cuts wear and tear on the hose for a longer service life, and comes with a 20 ft heavy-duty rope to secure it in use. Also used for cleaning and suction of petroleum, cooking oil, chemicals and light acids.

Tube:
Polyethylene, yellow-black; special colours available on request

Size range:
2" – 4" (51 mm – 102 mm)

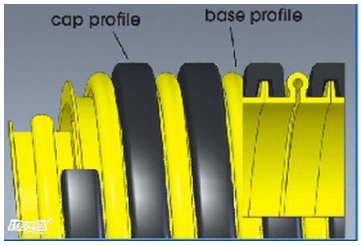
Working pressure:
Vacuum to 0.95 bar (28 in.Hg)

Temperature:
−40°F to +158°F (−40°C to +70°C)

Best for:
Protecting sewer-cleaning jetting hoses; liquid suction in sanitary, sewer and airport service; oil and chemical suction pumps

Marking:
PARAGON







PART NUMBER	ID		OD		WEIGHT		COIL LENGTH	
	in	mm	in	mm	lb/ft	kg/m	ft	m
TTYH-200-LL	2"	51	3	76	0.64	0.95	65	19.8
TTYH-300-LL	3"	76	3.78	96	0.95	1.41	65	19.8
TTYH-400-LL	4"	102	4.8	122	1.22	1.82	65	19.8

Cuff-end Tiger Tail assemblies

Supplied as a finished 3 ft assembly with cuff ends fitted.

PART NUMBER	ID		OD		LENGTH	WEIGHT		END TYPE
	in	mm	in	mm		lb	kg	
TTYH-200-3-CF	2"	51	3	76	3 ft (0.91 m)	2.2	1	Cuff ends
TTYH-300-3-CF	3"	76	3.78	96	3 ft (0.91 m)	3.3	1.5	Cuff ends

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.

PARAGON







HOT WATER HOSE

Washdown Hose
With Swivel Fitting
Steam Hose
Pressure Washer Hose







Super-Hot Water Washdown Hose

Mandrel built delivery hose suitable for hot water for cleaning service in food industry — 300 PSI

Application:
Mandrel-built delivery hose for hot-water cleaning in the food industry. FDA-compliant and free from phthalates.

Tube:
White smooth synthetic rubber, food quality, resistant to heat. Complies with FDA standards

Reinforcement:
High tensile textile plies

Cover:
White, smooth rubber, resistant to abrasion, heat, traces of oil and weather condition. Fabric impression

Size range:
½" – 2½" (13 mm – 64 mm)

Working pressure:
300 PSI

Temperature:
−31°F to +320°F (−35°C to +160°C)

Best for:
Hot-water cleaning and washdown in the food industry

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
HWWU-050-300	½"	13	0.9	23	300	21	900	62	0.255	0.38	200	61
HWWU-0625-300	⅝"	16	1.02	26	300	21	900	62	0.295	0.44	200	61
HWWU-075-300	¾"	19	1.18	30	300	21	900	62	0.38	0.57	200	61
HWWU-100-300	1"	25	1.41	36	300	21	900	62	0.53	0.79	200	61
HWWU-125-300	1¼"	32	1.69	43	300	21	900	62	0.75	1.12	200	61
HWWU-150-300	1½"	38	1.99	51	300	21	900	62	0.96	1.43	200	61
HWWU-200-300	2"	51	2.24	57	300	21	900	62	1.38	2.05	200	61
HWWU-250-300	2½"	64	2.56	65	300	21	900	62	1.73	2.57	200	61

Matching SS316 swivel fittings and ferrules, ½″ male NPT body: HWMX-050-NPT with FHSS-050 (½″), HWMX-0625-NPT with FHSS-0625 (⅝″), HWMX-075-NPT with FHSS-075 (¾″). Viton O-ring seal; use the fitting and its ferrule together.

The swivel fitting is rated 300 psi at 70 °F and 126 psi at 200 °F, below the hose at working temperature. A swivel is not recommended for continuous turning.

EPDM Steam Hose

Mandrel-built steam hose for saturated steam to 450°F / 18 bar — BS 5342 type 2A

Application:
Mandrel-built steam hose for saturated steam up to 232 °C / 18 bar, with peaks of superheated steam to the same limit, and for hot water up to 120 °C. Meets EN ISO 6134:2017 Type 2, Class A (BS 5342 Type 2A).

Tube:
Black smooth rubber, heat and steam resistant, developed to resist cracking and hardening

Reinforcement:
High tensile braided wire

Cover:
Red smooth rubber, abrasion, ozone and weather resistant. Pin-pricked to evacuate gases. Fabric impression

Size range:
¾" – 4" (19 mm – 102 mm)

Working pressure:
270 PSI (saturated steam)

Temperature:
Steam +450°F / hot water +248°F

Best for:
Saturated steam to 232 °C and hot water to 120 °C

Marking:



PART NUMBER	ID		OD		WORKING PRESSURE		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	lb/ft	kg/m	ft	m
SWR-075-270	¾"	19	1.22	31	270	19	0.49	0.73	200	61
SWR-100-270	1"	25	1.45	37	270	19	0.61	0.91	200	61
SWR-125-270	1¼"	32	1.81	46	270	19	0.89	1.32	200	61
SWR-150-270	1½"	38	2.04	52	270	19	1.05	1.56	200	61
SWR-200-270	2"	51	2.59	66	270	19	1.51	2.25	200	61
SWR-250-270	2½"	64	3.18	81	270	19	2.27	3.38	200	61
SWR-300-270	3"	76	3.77	96	270	19	3.06	4.55	200	61
SWR-400-270	4"	102	4.88	124	270	19	4.7	6.99	200	61

Saturated steam: −31 °F to +450 °F (−35 °C to +232 °C). Hot water: up to +248 °F (+120 °C).

Safety factor: steam 10:1, hot water 3.15:1.

Steam Cleaner Hose

High performance steam hose for cleaner machines and pressure washers equipment

Application:
High-performance steam hose for steam-cleaner machines and pressure-washer equipment, rated for both steam and hot water. Not recommended for cold water.

Tube:
Black smooth rubber, heat and steam resistant. Specially developed to avoid cracking and hardening

Reinforcement:
High tensile steel wire braided

Cover:
Black, smooth finish cover, abrasion, heat, ozone, and weather resistant. Pin pricked to evacuate gases. Fabric impression

Size range:
⅜" – ½" (10 mm – 13 mm)

Working pressure:
Steam 350 / water 2500–3000 PSI

Temperature:
Steam +325°F / hot water +250°F

Best for:
Steam cleaners and pressure-washer equipment

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	lb/ft	kg/m	ft	m
SCHB-0375-350	⅜"	10	0.69	18	350	24	0.23	0.34	200	61
SCHB-050-350	½"	13	0.82	21	350	24	0.32	0.48	200	61

Steam: 350 PSI at +325 °F; safety factor 10:1.

Hot water: 3000 PSI at +250 °F (⅜″), 2500 PSI at +250 °F (½″); safety factor 4:1.

Steam −40 °F to +325 °F (−40 °C to +163 °C); hot water −40 °F to +250 °F (−40 °C to +121 °C). Not recommended for cold water.

Single-Wire Pressure Washer Hose

One-wire braid pressure washer hose in ¼", ⅜" and ½" — 3,000 to 5,000 PSI by size

Application:
PROWASH I pressure washer hose for high-pressure cleaning; resistant to oil, fuel, weather, ozone and abrasion. Smaller OD and lower profile take up less space on reels; high flexibility and flex-impulse performance; lighter weight, easier to handle and route. Meets or exceeds SAE J517 / EN 857 1SC and US MSHA flame resistance IC-152/1.

Tube:
Synthetic black rubber tube

Reinforcement:
One high tensile steel wire compact braid

Cover:
Synthetic rubber black or gray outer cover

Size range:
¼" – ½" (6 mm – 13 mm)

Working pressure:
3,000–5,000 PSI

Temperature:
−40°F to +212°F (−40°C to +100°C)

Best for:
High-pressure cleaning equipment

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		BEND RADIUS		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	in	mm	ft	m
PWB1-025-50'	¼"	6	0.48	12	5000	345	15000	1034	2	51	50	15.2
PWB1-0375-50'	⅜"	10	0.63	16	4000	276	12500	862	2.5	64	50	15.2
PWB1-050-50'	½"	13	0.75	19	3000	207	10000	689	3.5	89	50	15.2

Available in 25, 50, 75 and 100 ft lengths; part numbers shown are 50 ft.

Maximum operating temperature +257 °F (+125 °C); operating above +212 °F (+100 °C) may reduce the life of the hose.

Air service: maximum +160 °F (+70 °C). Ambient: −40 °F to +175 °F (−40 °C to +80 °C).

Two-Wire Pressure Washer Hose

Two-wire braid pressure washer hose in ¼", ⅜" and ½" — 4,500 to 7,000 PSI by size

Application:
PROWASH II pressure washer hose for high-pressure cleaning; resistant to oil, fuel, weather, ozone and abrasion. Smaller OD and lower profile take up less space on reels; high flexibility and flex-impulse performance; lighter weight, easier to handle and route. Meets US MSHA flame resistance IC-152/1.

Tube:
Synthetic black rubber tube

Reinforcement:
Two high tensile steel wire compact braids

Cover:
Synthetic rubber black or gray outer cover

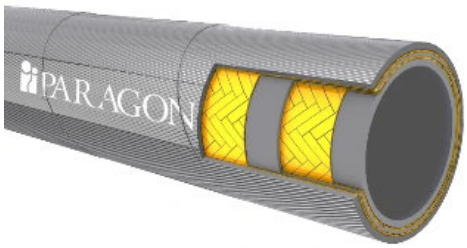
Size range:
¼" – ½" (6 mm – 13 mm)

Working pressure:
4,500–7,000 PSI

Temperature:
−40°F to +212°F (−40°C to +100°C)

Best for:
High-pressure cleaning equipment

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		BEND RADIUS		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	in	mm	ft	m
PWB2-025-50'	¼"	6	0.48	12	7000	483	24000	1655	2	51	50	15.2
PWB2-0375-50'	⅜"	10	0.63	16	6000	414	18000	1241	2.5	64	50	15.2
PWB2-050-50'	½"	13	0.75	19	4500	310	12500	862	3.5	89	50	15.2

Available in 25, 50, 75 and 100 ft lengths; part numbers shown are 50 ft.

Maximum operating temperature +257 °F (+125 °C); operating above +212 °F (+100 °C) may reduce the life of the hose.

Air service: maximum +160 °F (+70 °C). Ambient: −40 °F to +175 °F (−40 °C to +80 °C).

PARAGON

CHEMICAL HOSE

UHMWPE Chemical S&D Hose



UHMWPE Chemical Suction & Discharge Hose

UHMWPE-lined chemical suction and discharge hose for acids, ketones, aldehydes, esters and hydrocarbons

Application:
Chemical suction and delivery hose for acid-based liquids, ketones, aldehydes, esters and aromatic and aliphatic hydrocarbons, with limited resistance to chlorinated hydrocarbons. Suitable for animal or vegetable foodstuffs and alcoholic drinks.

Tube:
UHMWPE, white, smooth, food quality and abrasion resistant. Complies with F.D.A standards

Reinforcement:
Synthetic plies, helix wire embedded and antistatic wire

Cover:
Special blue or green rubber, abrasion, ozone and weather resistant. Corrugated with fabric finish surface

Size range:
½" – 8" (13 mm – 203 mm)

Working pressure:
250 PSI

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

Best for:
Acids, ketones, aldehydes, esters and hydrocarbons; animal or vegetable foodstuffs; alcoholic drinks

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
CUCS-050-B/G	½"	13	0.96	24	250	17	1000	69	27	1.58	40	0.27	0.4	200	61
CUCS-075-B/G	¾"	19	1.18	30	250	17	1000	69	27	2.36	60	0.37	0.55	200	61
CUCS-100-B/G	1"	25	1.42	36	250	17	1000	69	27	2.95	75	0.46	0.68	200	61
CUCS-125-B/G	1¼"	32	1.73	44	250	17	1000	69	27	3.78	96	0.63	0.94	200	61
CUCS-150-B/G	1½"	38	1.96	50	250	17	1000	69	27	4.53	115	0.72	1.07	200	61
CUCS-200-B/G	2"	51	2.52	64	250	17	1000	69	27	6.02	153	0.93	1.38	200	61
CUCS-250-B/G	2½"	64	3.03	77	250	17	1000	69	27	7.08	180	1.39	2.07	100	30.5
CUCS-300-B/G	3"	76	3.5	89	250	17	1000	69	24	8.98	228	1.85	2.75	100	30.5
CUCS-400-B/G	4"	102	4.72	120	250	17	1000	69	24	16.14	410	2.93	4.36	100	30.5
CUCS-600-B/G	6"	152	6.85	174	250	17	1000	69	24	29.95	761	4.43	6.59	100	30.5
CUCS-800-B/G	8"	203	9	229	250	17	1000	69	24	41.5	1054	6.2	9.23	100	30.5

Cleaning at +266 °F (130 °C) for a maximum of 30 minutes.

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

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

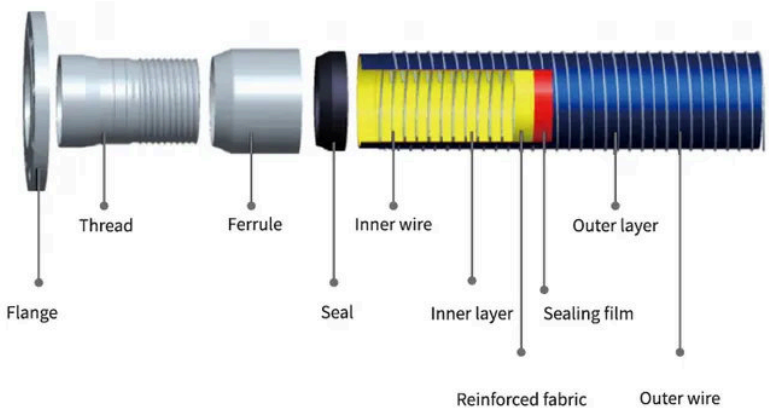
Size range:
4" – 12" (102 mm – 305 mm)

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.

PARAGON





HEATER & COOLER HOSE

Silicone Heater Hose







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

Silicone Heater & Cooler Hose

Heater hose for cars, trucks and buses

Application:
Extruded heavy-duty silicone heater hose for cars, trucks and buses; meets or exceeds SAE J20 Class A. Resistant to coolant solutions, cracking, ozone, cold leaks, peeling and ageing; because it is extruded it can be supplied in long lengths.

Tube:
Heat-resistant silicone, brick red

Reinforcement:
4 layers, high temperature resistant plies

Cover:
Blue heat- and weather-resistant silicone

Size range:
¼" – 4" (6 mm – 102 mm)

Working pressure:
20–110 PSI by size

Temperature:
−65°F to +350°F (−54°C to +177°C)

Best for:
Heater and coolant lines on cars, trucks and buses

Marking:
PARAGON



PART NUMBER	ID		WORKING PRESSURE		BURST PRESSURE		COIL LENGTH	
	in	mm	PSI	bar	PSI	bar	ft	m
SHHB-04	¼"	6	110	8	330	23	100	30.5
SHHB-05	5/16"	8	110	8	330	23	100	30.5
SHHB-06	⅜"	10	100	7	300	21	100	30.5
SHHB-08	½"	13	100	7	300	21	100	30.5
SHHB-10	⅝"	16	100	7	300	21	50	15.2
SHHB-12	¾"	19	90	6	270	19	50	15.2
SHHB-16	1"	25	90	6	270	19	50	15.2
SHHB-20	1¼"	32	85	6	255	18	8	2.4
SHHB-24	1½"	38	85	6	255	18	8	2.4
SHHB-28	1¾"	44	75	5	225	16	8	2.4
SHHB-32	2"	51	65	4	195	13	8	2.4
SHHB-36	2¼"	57	55	4	165	11	8	2.4
SHHB-40	2½"	64	45	3	135	9	8	2.4
SHHB-44	2¾"	70	40	3	120	8	8	2.4
SHHB-48	3"	76	30	2	90	6	8	2.4
SHHB-52	3½"	89	25	2	75	5	8	2.4
SHHB-56	4"	102	20	1	60	4	8	2.4

Wall 0.177″ (4.5 mm) on the smaller sizes, 0.2″ (5 mm) on the larger; 4 plies.

¼″–1″ supplied in coils (100 ft up to ⅝″, 50 ft above); 1¼″–4″ in 8 ft straight lengths.

Food Grade Butyl Suction & Delivery Hose

Food grade suction and discharge hose with a high degree of flexibility, suitable for drinking water, non-alcoholic and — 150 PSI

Application:
ORGAFOOD/ASD10 food-grade suction and discharge hose with a high degree of flexibility, for drinking water, non-alcoholic and alcoholic drinks up to 98%, fruit juices, oily and fatty foods, milk and dairy products. Complies with FDA and 3A sanitary standards, BfR recommendation XXI cat. 2, Regulations (EC) 1935/2004 and 2023/2006 and DM 21/3/73; free from phthalates and BPA.

Tube:
White, smooth, mirror-like, odorless and taste free IIR rubber, food quality

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:
−22°F to +194°F (−30°C to +90°C)

Best for:
Drinking water, beverages and spirits up to 98% alcohol, fruit juices, milk and dairy, oily and fatty foods

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
ASDB-075-150	¾"	19	1.22	31	150	10	450	31	26.93	1.58	40	0.43	0.64	200	61
ASDB-100-150	1"	25	1.45	37	150	10	450	31	26.93	2.16	55	0.52	0.77	200	61
ASDB-125-150	1¼"	32	1.73	44	150	10	450	31	26.93	2.75	70	0.62	0.92	200	61
ASDB-150-150	1½"	38	2.05	52	150	10	450	31	26.93	3.15	80	0.88	1.31	200	61
ASDB-200-150	2"	51	2.56	65	150	10	450	31	26.93	4.33	110	1.24	1.85	200	61
ASDB-250-150	2½"	64	3.11	79	150	10	450	31	26.93	5.51	140	1.69	2.52	200	61
ASDB-300-150	3"	76	3.62	92	150	10	450	31	26.93	6.69	170	1.92	2.86	200	61
ASDB-400-150	4"	102	4.8	122	150	10	450	31	26.93	8.66	220	3.24	4.82	200	61

Can be sterilized at +266 °F (130 °C) for a maximum of 30 minutes.

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

Food Grade Nitrile Suction & Delivery Hose

Nitrile food-grade suction and delivery hose rated to −35 °C — for fatty foodstuffs

Application:
ORGAFOOD/AD10 food-grade suction and delivery hose for milk and dairy, drinks with low alcohol content, fruit juices and oily and fatty foodstuffs; it recovers its shape if crushed by accident. Complies with FDA and 3A sanitary standards, BfR recommendation XXI cat. 2, Regulations (EC) 1935/2004 and 2023/2006 and DM 21/3/73.

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

Reinforcement:
High tensile textile plies with steel helix wire

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

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, low-alcohol drinks, fruit juices, oily and fatty foods

Marking:



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
FSDB-075-150	¾"	19	1.22	31	150	10	450	31	26.93	1.77	45	0.42	0.63	200	61
FSDB-100-150	1"	25	1.45	37	150	10	450	31	26.93	2.16	55	0.52	0.77	200	61
FSDB-125-150	1¼"	32	1.73	44	150	10	450	31	26.93	2.75	70	0.62	0.92	200	61
FSDB-150-150	1½"	38	2.05	52	150	10	450	31	26.93	3.15	80	0.88	1.31	200	61
FSDB-200-150	2"	51	2.56	65	150	10	450	31	26.93	4.33	110	1.24	1.85	200	61
FSDB-250-150	2½"	64	3.11	79	150	10	450	31	26.93	5.51	140	1.67	2.49	200	61
FSDB-300-150	3"	76	3.62	92	150	10	450	31	26.93	6.69	170	1.9	2.83	200	61
FSDB-400-150	4"	102	4.8	122	150	10	450	31	26.93	8.66	220	3.28	4.88	200	61

Can be sterilized at +266 °F (130 °C) for a maximum of 30 minutes.

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

Food Grade Butyl Anti-Crash Suction & Delivery Hose

Food grade suction and discharge hose with a high degree of flexibility, suitable for drinking water, non-alcoholic and — 150 PSI

Application:
ORGAFOOD/ASD10A anti-crash food-grade suction and discharge hose with a high degree of flexibility, for drinking water, non-alcoholic and alcoholic drinks up to 98%, fruit juices, oily and fatty foods, milk and dairy products. Complies with FDA and 3A sanitary standards, BfR recommendation XXI cat. 2, Regulations (EC) 1935/2004 and 2023/2006 and DM 21/3/73; free from phthalates and BPA.

Tube:
White IIR rubber, smooth, non-toxic, mirror-like, odorless and taste free

Reinforcement:
High tensile textile plies and thermoplastic helix wire embedded

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

Size range:
1½" – 3" (38 mm – 76 mm)

Working pressure:
150 PSI

Temperature:
−22°F to +248°F (−30°C to +120°C)

Best for:
Drinking water, beverages and spirits up to 98% alcohol, fruit juices, milk and dairy, oily and fatty foods

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
ACSB-150-150	1½"	38	1.97	50	150	10	450	31	23	7.87	200	0.71	1.06	200	61
ACSB-200-150	2"	51	2.56	65	150	10	450	31	23	9.84	250	1.08	1.61	200	61
ACSB-250-150	2½"	64	3.03	77	150	10	450	31	23	11.81	300	1.42	2.11	200	61
ACSB-300-150	3"	76	3.62	92	150	10	450	31	23	14.96	380	1.79	2.66	200	61

Steam sterilization at +266 °F (130 °C) for a maximum of 30 minutes.

Detergent solution at +140 °F (60 °C) for 10 minutes only.

Food Grade Nitrile Anti-Crash Suction & Delivery Hose

Anti-crash nitrile food hose — reinforced against collapse under vacuum

Application:
ORGAFOOD/SD10A anti-crash food-grade suction and delivery hose for milk and dairy, drinks with low alcohol content, fruit juices and oily and fatty foodstuffs; it recovers its shape if crushed by accident. Complies with FDA and 3A sanitary standards, BfR recommendation XXI cat. 2, Regulations (EC) 1935/2004 and 2023/2006 and DM 21/3/73.

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

Reinforcement:
High tensile textile plies and thermoplastic helix wire embedded

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

Size range:
1½" – 3" (38 mm – 76 mm)

Working pressure:
150 PSI

Temperature:
−22°F to +194°F (−30°C to +90°C)

Best for:
Milk and dairy, low-alcohol drinks, fruit juices, oily and fatty foods

Marking:



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
FCSB-150-150	1½"	38	2	51	150	10	450	31	23	4	102	0.7	1.04	200	61
FCSB-200-150	2"	51	2.56	65	150	10	450	31	23	6	152	1.07	1.59	200	61
FCSB-250-150	2½"	64	3.03	77	150	10	450	31	23	7.5	190	1.41	2.1	200	61
FCSB-300-150	3"	76	3.62	92	150	10	450	31	23	9	229	1.78	2.65	200	61

Can be sterilized at +266 °F (130 °C) for a maximum of 30 minutes.

Food Grade Material Handling Hose

Application:
Mandrel-built food hose for suction and delivery of abrasive dry foods in granular or powder form, such as sugar, grain, cereal and corn. Also suitable for PVC pellets. FDA-approved tube; textile plies with a helix wire and an antistatic wire.

Tube:
Tan or white FDA-approved smooth rubber, highly abrasion resistant

Reinforcement:
High tensile textile plies embedded with helix wire and antistatic wire

Cover:
Black or tan smooth conductive rubber; abrasion, weather and ozone resistant; fabric impression

Size range:
1½" – 8" (38 mm – 203 mm)

Working pressure:
90 PSI

Temperature:
-31°F/+180°F (-35°C /+82°C)

Best for:
Sugar, grain, cereal, corn and other dry foods in granules or powder, and PVC pellets

Marking:
PARAGON



PART NUMBER	ID		OD		WORKING PRESSURE		BURST PRESSURE		VACUUM	WEIGHT		COIL LENGTH	
	in	mm	in	mm	PSI	bar	PSI	bar	in.Hg	lb/ft	kg/m	ft	m
BMFG-150	1½"	38	2.06	52	90	6	270	19	26.6	0.75	1.12	200	61
BMFG-200	2"	51	2.6	66	90	6	270	19	26.6	0.97	1.44	200	61
BMFG-250	2½"	64	3.1	79	90	6	270	19	26.6	1.17	1.74	200	61
BMFG-300	3"	76	3.64	92	90	6	270	19	26.6	1.33	1.98	200	61
BMFG-350	3½"	89	4.1	104	90	6	270	19	26.6	2.1	3.13	200	61
BMFG-400	4"	102	4.67	119	90	6	270	19	23.6	2.32	3.45	200	61
BMFG-500	5"	127	5.68	144	90	6	270	19	23.6	3.24	4.82	100	30.5
BMFG-600	6"	152	6.7	170	90	6	270	19	23.6	4.24	6.31	100	30.5
BMFG-800	8"	203	8.75	222	90	6	270	19	23.6	6.93	10.31	100	30.5